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UNIVERSITY  
  
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THE  
GEORGE  
WASHINGTON  
UNIVERSITY  
BULLETIN

THE LAW SCHOOL

SUMMER TERM 1945



WASHINGTON, D. C.

1945



## THE LAW SCHOOL SUMMER TERM

### THE FACULTY

William Cabell Van Vleck, A.B., LL.B., S.J.D., *Dean of the Law School*

Charles Sager Collier, A.B., LL.B., S.J.D., *Professor of Law*

Hector Galloway Spaulding, B.S., LL.B., S.J.D., *Professor of Law*

Saul Chesterfield Oppenheim, A.M., J.D., S.J.D., *Professor of Law*

Whitley P. McCoy, A.B., LL.B., *Visiting Professor of Law*

John Sentman Strahorn, Jr., A.B., LL.B., S.J.D., J.S.D., *Visiting Professor of Law*

\_\_\_\_\_, *Visiting Professor of Law*

James Robert Wilson, A.B., J.D., J.S.D., *Professorial Lecturer in Law*

Jay Wesley Murphy, A.B., J.D., LL.M., *Lecturer in Law*

### CALENDAR

The sixteen-week summer term is divided into two sessions of eight weeks each. Classes in the first session will begin Monday, June 4, and end Thursday, July 26. Examinations will be held Friday and Saturday, July 27 and 28. Classes for the second session will begin Monday, July 30, and end Wednesday, September 19. Examinations will be held Friday and Saturday, September 21 and 22.

### ACADEMIC AND RESIDENCE CREDIT

The summer term is a regular part of the work of the school. Credit, both academic and residence, is given for subjects completed by qualified students.

Four hours of credit may be earned in each session. An additional two hours of credit may be earned by completing one of the subjects given throughout the sixteen-week term.



#### ADDENDUM

Since the publication of this bulletin, Professor Harry Walter Vanneman, A.B., LL.B., LL.M., of Ohio State University has been appointed Visiting Professor of Law. During the second session of the 1945 Summer Term he will give the course in Trusts. Scott's Cases on Trusts will be the textbook used.



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## CHANGED ADMISSION REQUIREMENTS

the duration of the present national emergency students will be permitted to regular standing who present scholastic records showing the satisfactory completion of not less than one-half of the work required for graduation from an approved college. Students in regular standing in other approved law schools may be permitted as unclassified students for the summer term only. Classified students are permitted to begin the study of Law in the second session of the summer term.

## REGISTRATION

Students will be registered only when proper credentials have been filed and approved. The preregistration period is from Monday, May 14, through Friday, May 18. The registration days are Monday, June 4, for the first session; Monday, July 30, for the second session. A late-registration fee of \$5 will be charged students registering after the stated registration days.

## FEES

Fees are as follows: University fee for each session, \$4; tuition for each term hour, \$8; late-registration fee, \$5; reinstatement fee, \$10. Fees for each session are payable in advance at the beginning of the session. No refund of fees can be granted because of withdrawal during a session or because of absence from classes. A student who is compelled to withdraw before the end of a session must notify the Dean of the Law School in writing as promptly as possible.

## HOURS OF INSTRUCTION

Classes are held in the evening from 6:20 to 8:00 P.M.

The number of term hours for each course is indicated within parentheses immediately following the name of the course on page four.



## COURSES OF INSTRUCTION

The Faculty reserves the right to make changes in the courses of instruction, should the need arise.

(First-year courses 101-200; second-year courses, 201-300; third-year courses, 301-400. Graduate students may take third-year courses not already completed.)

### FIRST SESSION

- 111 *Contracts* (4) Spaulding  
Williston, Cases on Contracts, 4th ed. Mon. through Thurs.,  
6:20-8:00 P.M.
- 245 *Negotiable Instruments* (4) Oppenheim  
Britton, Cases on Negotiable Instruments. Mon. through  
Thurs., 6:20-8:00 P.M.
- 435 *Jurisprudence* (4) Collier  
Hall, Readings on Jurisprudence. Mon. through Thurs., 6:20-  
8:00 P.M.
- 129A *Judicial Process* (1) Murphy  
Kinnane, Anglo-American Law. Fri., 6:20-8:00 P.M. (Con-  
tinued through the second session. Credit will not be given for  
one session only.)
- 241A *Property III* (1) Wilson  
Kirkwood, Cases on Conveyancing, 2d ed. Fri., 6:20-8:00 P.M.  
(Continued through the second session. Credit will not be  
given for one session only.)

### SECOND SESSION

- 102 *Agency* (4) McCoy  
Seavey, Cases on Agency. Mon. through Thurs., 6:20-8:00 P.M.
- 382 *Trusts* (4)  
Mon. through Thurs., 6:20-8:00 P.M.
- 242 *Evidence* (4) Strahorn  
McCormick, Cases on Evidence. Mon. through Thurs., 6:20-  
8:00 P.M.
- 129B *Judicial Process* (1) Murphy  
Kinnane, Anglo-American Law. Fri., 6:20-8:00 P.M. (Con-  
tinued from the first session. Credit will not be given for one  
session only.)
- 241B *Property III* (1) Wilson  
Kirkwood, Cases on Conveyancing, 2d ed. Fri., 6:20-8:00 P.M.  
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THE SUMMER SESSIONS  
1945

THE SUMMER SESSIONS

WASHINGTON, D. C.

RECEIVED 15 FEBRUARY  
1946

BY THE UNIVERSITY



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Vol. XLIV

No. I

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THE SUMMER SESSIONS

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WASHINGTON, D. C.

PUBLISHED IN FEBRUARY  
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BY THE UNIVERSITY



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## THE SUMMER SESSIONS

### UNIVERSITY IN THE NATIONAL EMERGENCY

The George Washington University is continuing, during the national emergency, the accelerated program adopted in 1941.

By taking advantage of this opportunity for intensive study, the student may accomplish in the summer the work of a full term and, by continuous attendance, may complete a four-year college program in two and two-thirds years. Students who expect to graduate from high school in June and wish to attend the first summer session, which opens when their high schools have closed, should consult their high school advisers and the Director of Admissions of the University.

Under special guidance, students entering the University may be assisted to plan their study so that, should it be necessary for them to enter the armed forces, the civilian public service, or a war-production industry before they are graduated, they will be better prepared to make their contribution to the war effort.

### ADDITIONAL COURSES

The University wishes to adjust its courses to the changing needs of the war.

New courses will be offered as the need arises. Students who need training in fields in which courses are not offered are advised to consult with the deans of the colleges in which they are registered.



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# CALENDAR OF THE SUMMER SESSIONS

1945

IN ALL COLLEGES, SCHOOLS, AND DIVISIONS EXCEPT THE  
SCHOOLS OF MEDICINE\* AND LAW

Date	Day	Occasion
May 14-18 .....		Preregistration period for the Summer Sessions
June 4 .....	Monday .....	Registration for the first session
July 2 .....	Monday .....	First session classes begin
July 4 .....	Wednesday .....	Registration for special six-week session in the School of Education
July 25 .....	Wednesday .....	Independence Day. Holiday
July 26 .....	Thursday .....	First session ends†
Aug. 10 .....	Friday .....	Registration for second session
Sept. 3 .....	Monday .....	Second session classes begin
Sept. 10-26 ..		Special six-week session in the School of Education ends
Sept. 14 .....	Friday .....	Labor Day. Holiday
Sept. 27 .....	Thursday .....	Preregistration period for the fall term
Sept. 28 and 29	Friday and Saturday..	Second session ends
		Fall-term registration for new students
		Fall-term registration for former students

## IN THE LAW SCHOOL

Date	Day	Occasion
May 14-18 ..		Preregistration period for the Summer Sessions
June 4 .....	Monday .....	First session begins
July 4 .....	Wednesday .....	Independence Day. Holiday
July 28 .....	Saturday .....	First session ends
July 30 .....	Monday .....	Second session begins
Sept. 3 .....	Monday .....	Labor Day. Holiday
Sept. 10-26 ..		Preregistration period for the fall term
Sept. 22 .....	Saturday .....	Second session ends
Sept. 27 .....	Thursday .....	Fall-term registration for new students
Sept. 28 and 29	Friday and Saturday..	Fall-term registration for former students

\* For the Medical School calendar, see the catalogue of the School of Medicine.  
† Certain courses extend over one unbroken term of fifteen weeks.



THE UNIVERSITY



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Robert

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\*Newel

Avery  
Clarence

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John St

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John H

Homer

Mrs. Jo

\*Georg

\*Robert

Charles

Charles

Ulysses

Unite

Gilbert

John Ed

Alfred

Theodo

Luther

Mrs. H

Merle

Walter

\*Alexan

Chester

Unite

Lloyd B

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## THE BOARD OF TRUSTEES

Board of Trustees of the University is composed of the President  
University ex officio and the following persons by election:

Vedder Fleming, LL.D., *Chairman*

\_\_\_\_\_, *Vice Chairman*

Parsons Erwin, A.B., *Secretary*

Windom Ellison, A.B., LL.B., *Assistant Secretary*

DeLano Andrews, B.S., LL.B.

Aiken Aspinwall

Cleveland Bickel, LL.B.

Clair Brookes, Jr., A.M., LL.B.

Champ Clark, A.B., LL.B.

Henry Cowles, LL.D.

Cummings, Ph.B., LL.B., LL.D., L.H.D.

Joshua Evans, Jr., A.B., Ed.D.

Edgar Fleming, LL.M.

Elliott Freer, LL.M., A.B.

William Gerstenberg, Ph.B., LL.B., J.D.

Carroll Glover, Jr., A.M., LL.B.

S. Grant, 3d, B.S., Graduate

States Engineers' School

Grosvenor, A.M., LL.D., Litt.D.

Edgar Hoover, LL.M., LL.D.

Henry Lawson, LL.B.

Frederic Williams Noyes, A.M., LL.M., LL.D.

Halsey Reichelderfer, M.D., LL.D.

Henry Alvah Strong, LL.D.

Thorpe, A.B.

Rupert Tuckerman, A.B., LL.B.

Der Wilbourne Weddell, LL.B., Litt.D., LL.D.

Wells, B.S., Graduate

States Naval War College

Wenett Wilson

ated by the Alumni.



## OFFICERS OF ADMINISTRATION

### THE UNIVERSITY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Harold Griffith Sutton, M.S., *Director of Admissions*  
Fred Everett Nessell, A.B., *Business Manager*  
John Russell Mason, B.S. in L.S., A.M., *Librarian; Curator of Art*  
\*Mitchell Dreese, Ph.D., *Dean of the Summer Sessions*  
Myrna Pauline Sedgwick, A.B., *Administrative Secretary*  
Henry William Herzog, B.S., *Comptroller*  
Burnice Herman Jarman, A.M., Ed.D., *Registrar; Secretary of the Faculties; Director of Religious Activities*  
Daniel LeRay Borden, A.M., M.D., *Director of Health Administration*  
Lester Allan Smith, A.M., *Alumni Secretary*  
Donnell Brooks Young, Ph.D., *Director of Veterans' Education*  
George Howland Cox, *Director of the Inter-American Center*  
\*Claud Max Farrington, A.M., *Adviser on Physical Education*  
Ruth Harriet Atwell, A.M., *Director of Physical Education for Women*  
\*John Rust Busick, A.B., *Director of Athletics*  
Virginia Randolph Kirkbride, A.M., *Adviser on Women's Activities*

### THE COLLEGES, SCHOOLS, AND DIVISIONS

Christopher Browne Garnett, Jr., Ph.D., Litt.D., *Dean of the Junior College*  
Henry Grattan Doyle, A.M., *Dean of Columbian College*  
Robert Whitney Bolwell, Ph.D., *Chairman of the Graduate Council*  
Walter Andrew Bloedorn, A.M., M.D., *Dean of the School of Medicine*  
William Cabell Van Vleck, A.B., LL.B., S.J.D., *Dean of the Law School*  
Frederick Morris Feiker, B.S. in E.E., D.Eng., *Dean of the School of Engineering*  
\*William Paul Briggs, M.S., *Dean of the School of Pharmacy*  
James Harold Fox, A.M., Ed.D., *Dean of the School of Education*  
William Crane Johnstone, Jr., Ph.D., *Dean of the School of Government*  
Elmer Louis Kayser, Ph.D., *Dean of the Division of University Students; University Marshal*  
Warren Reed West, Ph.D., *Dean of the Division of Special Students*  
Sidney Bartlett Hall, A.M., Ed.D., LL.D., *Director of the Division of Extension*  
Katharine Rogers Adams, Ph.D., *Assistant Dean in the Junior College*  
Alan Thomas Deibert, A.M., *Assistant Dean in the Junior College; Adviser to Students from Foreign Countries*  
Arthur Edward Burns, Ph.D., *Assistant Dean of the School of Government*

\* On war leave 1944-45.

## THE UNIVERSITY

### HISTORY AND ORGANIZATION

The idea of a university in the Capital of the Nation was sponsored by George Washington, who during his public life urged the establishment of such an institution and who in his will left fifty shares of stock in the Potomac (Canal) Company for the endowment of a university to be established in the District of Columbia which the youth of fortune and talents from all parts thereof might be sent for the completion of their Education in all the branches of polite literature;—in arts and Sciences,—in acquiring knowledge in the principles of Politics & good Government”.

Columbian College in the District of Columbia was chartered by an act of Congress of February 9, 1821. In 1873 the name was changed to “Columbian University” and in 1904 to “The George Washington University”.

The University as it is now organized consists of the Junior College, comprising the work of the freshman and sophomore years; the Columbian College, the senior college of liberal arts, which offers work leading to the Bachelor's and Master's degrees; the Graduate Council, which offers work leading to the degree of Doctor of Philosophy; the professional schools, which include the School of Medicine, Law, Engineering, Pharmacy, Education, and Government; the Division of University Students, which leads to no degree but makes the work of the University accessible to the non-degree student; the Division of Special Students, in which are admitted students who wish to work toward degrees but who do not have the qualifications for admission to degree-granting schools or colleges; the Division of Extension; and the Inter-American Division.

### ACADEMIC STATUS

The George Washington University is on the approved list of the Association of American Universities, the standard accrediting body for the United States. This fact not only assures to students the high academic standards of this accrediting body, but also is important to those who desire to transfer credits from one institution to another.

The University is also accredited by its regional accrediting body, the Middle States Association of Colleges and Secondary Schools, and is on the approved list of the American Association of University Women.



The Law School is a charter member of the Association of American Law Schools and is approved by the Council of Legal Education of the American Bar Association. The School of Medicine is a member of the Association of American Medical Colleges, and is one of the medical colleges which have been designated continuously as "class A" by the American Medical Association. The School of Pharmacy is accredited by the American Council on Pharmaceutical Education and is a member of the American Association of Colleges of Pharmacy. The School of Engineering is on the accredited list of the Engineers' Council for Professional Development.

#### LOCATION

The George Washington University is in downtown Washington, four blocks west of the White House and east of the Potomac River with its extensive parkway. Within a few blocks are the buildings housing the offices of many of the departments of the Government, including the Department of State, the Department of the Treasury, the Department of War, the Department of Justice, the Department of the Navy, the Department of the Interior, the Department of Agriculture, the Department of Commerce, and the Department of Labor. The Corcoran Gallery of Art, the Pan American Union Building, and the National Academy of Sciences are also near by, and the Capitol and the Library of Congress are readily accessible.

#### EDUCATIONAL FACILITIES

Buildings, grounds, and equipment of the University are valued at over \$6,000,000. The buildings of the colleges, schools, and divisions offering Summer Sessions work are in the vicinity of Twenty-first and G Streets NW., except for the School of Medicine which is at 1335 H Street NW.

*The University Library.*—The University Library contains more than 150,000 volumes, and with the exception of the law and medical collections is housed in the modern six-story Library building.

Regulations governing the use of the library: the circulation of books, and the use of reserve books and periodicals are available at the service desks of the Library.

#### OTHER LIBRARY FACILITIES IN WASHINGTON

The student has access also to the Library of Congress; the Public Library of the District of Columbia and its branches; the Library of the Carnegie Endowment for International Peace; the

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ry of the Pan American Union; the Library of the Bureau of  
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riculture, with its scientific departmental collections; the  
y of the United States Office of Education; the Army Medi-  
orary; the Library of the Smithsonian Institution; and many  
great special collections of the government departments.

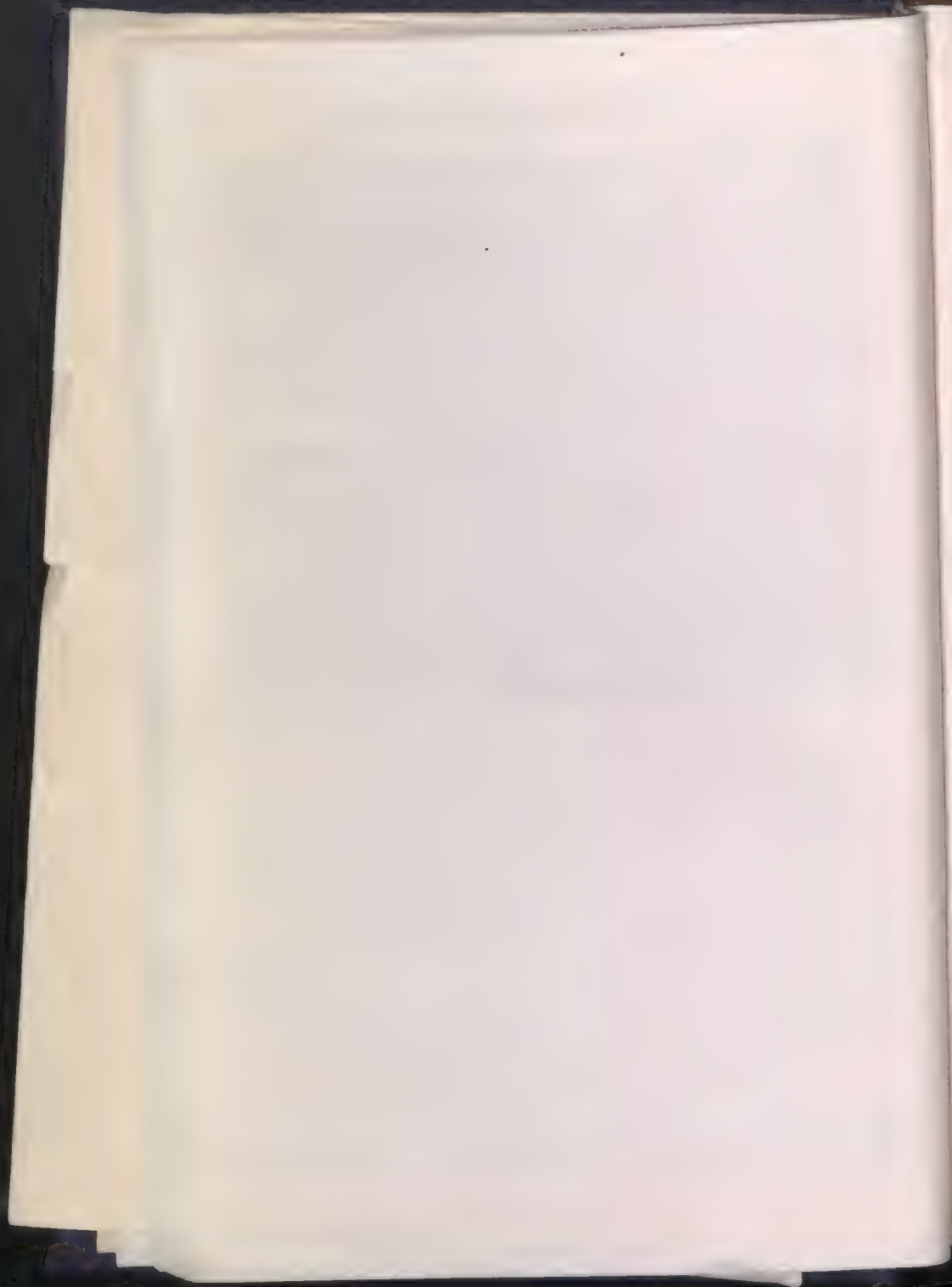
#### RESEARCH FACILITIES OF WASHINGTON

arrangement of the summer schedule of classes permits the  
ne student to avail himself of the opportunity to study, at  
and, the working of the Federal Government and so to form  
ground for intelligent and useful citizenship.

the departmental libraries of the Federal Government are a  
ude of reports made by eminent specialists in all fields of  
e on the results of study and research in the bureaus, experi-  
l stations, laboratories, museums, and observatories of the  
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addition to the governmental collection the student has access  
research facilities of such scientific and educational groups,  
headquarters are situated in Washington, as the Carnegie  
ution, the American Council on Education, the American  
il of Learned Societies, the National Academy of Science, the  
nal Research Council, the National Education Association,  
e National Geographic Society.





THE SUMMER SESSIONS

1945



## STAR

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Ruth C  
Colin M  
Floren  
Ruth I  
Richar

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## STAFF OF INSTRUCTION IN THE SUMMER SESSIONS

ne Rogers Adams, Ph.D., *Lecturer in English*  
 Alonso, A.M., *Associate Professor of Spanish*  
 Whitney Bolwell, Ph.D., *Professor of American Literature*  
 Benjamin Brown, Ph.D., *Professor of Physics*  
 Edward Burns, Ph.D., *Adjunct Professor of Economics*  
 Francis Campbell, A.M., *Associate in American History*  
 tte Dupuy Caskie, L.-ès-L., *Instructor in Romance Languages*  
 Lynn Cheney, Ph.D., *Professor of Physics*  
 William Cole, Ph.D., *Assistant Professor of English*  
 Wallace Davis, Ph.D., *Associate Professor of Psychology*  
 Thomas Deibert, A.M., *Associate Professor of Romance Languages*  
 Grattan Doyle, A.M., *Professor of Romance Languages*  
 Imundo Espinosa, Ph.D., *Lecturer on Spanish American Literature*  
 th Fehrer, Ph.D., *Assistant Professor of Psychology*  
 Harold Fox, A.M., Ed.D., *Professor of Education*  
 Antony Gamow, Physics D., *Professor of Theoretical Physics*  
 pher Browne Garnett, Jr., Ph.D., Litt.D., *Elton Professor of  
Philosophy*  
 Bartlett Hall, A.M., Ed.D., LL.D., *Professor of Education*  
 wers Hansen, Ph.D., *Professor of Zoology*  
 ce Everett Hooper, Ph.D., *Assistant Professor of Chemistry*  
 a Hunt, Ph.D., M.D., *Professor of Psychology*  
 ce Harold Irvine, Ph.D., *Assistant Professor of English*  
 e Herman Jarman, A.M., Ed.D., *Associate Professor of Education*  
 Edgar Johnston, Ph.D., *Professor of Mathematics*  
 n Crane Johnstone, Jr., Ph.D., *Professor of Political Science*  
 Louis Kayser, Ph.D., *Professor of European History*  
 Dale Kennedy, Ph.D., *Professor of Accounting and Business Ad-  
ministration*  
 Armstrong Kerr, Ph.D., *Lecturer in Economics*  
 am Karl Legner, Ph.D., *Assistant Professor of German*  
 Coyner Little, Ph.D., *Associate Professor of Education*  
 Mackenzie Mackall, Ph.D., *Professor of Chemistry*  
 ce Marie Mears, Ph.D., *Professor of Mathematics*  
 Elizabeth Mortensen, A.M., *Assistant Professor of Zoology*  
 d Norman Owens, Ph.D., C.P.A., *Professor of Accounting and  
Business Administration*  
 Irving Protzman, Ph.D., *Professor of Romance Languages*



Lowell Ragatz, Ph.D., *Professor of European History*  
Gretchen Louisa Rogers, Ph.D., *Assistant Professor of German*  
Edward Henry Sehrt, Ph.D., *Professor of German*  
Ernest Sewall Shepard, A.M., *Associate Professor of English*  
Audley Lawrence Smith, Ph.D., *Associate Professor of English*  
George Horsley Smith, Ph.D., *Instructor in Psychology*  
James Henry Taylor, Ph.D., *Professor of Mathematics*  
John Albert Tillema, Ph.D., LL.M., S.J.D., *Associate Professor of*  
*Political Science*  
Fred Salisbury Tupper, Ph.D., *Associate Professor of English*  
Maurice Hart Van Horn, Ph.D., *Associate Professor of Chemistry*  
Donald Stevenson Watson, Ph.D., *Associate Professor of Economics*  
John Sherwood Weber, A.M., *Instructor in English*  
Frank Mark Weida, Ph.D., *Professor of Statistics*  
Warren Reed West, Ph.D., *Professor of Political Science*  
Alva Curtis Wilgus, Ph.D., *Professor of Hispanic American History*  
Earl Larkin Williams, A.M., *Associate in Mathematics*  
Samuel Nathaniel Wrenn, Ph.D., *Associate Professor of Chemistry*  
Willard Hayes Yeager, A.M., *Depew Professor of Public Speaking*  
Lawson Edwin Yocum, Ph.D., *Associate Professor of Botany*  
Donnell Brooks Young, Ph.D., *Professor of Zoology*

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## THE SUMMER SESSIONS

work of the Summer Sessions has been planned to meet the needs of full- and part-time students; of those who are accelerating college work in an effort to complete the course before entering into the armed service; and of those who, because of the lack of employment, are unable to attend classes daily.

During the summer of 1945, courses are offered in the Junior College, Columbian College (the senior college), the School of Business Administration,\* the Law School,\* the School of Education, and the School of Government.

Students in the School of Engineering and the School of Pharmacy have the opportunity of taking, during the summer, many of the required and elective courses offered in the Junior College and Columbian College curricula.

Students may enter the Summer Sessions at the beginning of the first or second sessions.

In the first and second sessions classes meet daily, Monday through Friday, for a period of seven and one-half weeks. During this session the work of a regular term of the academic year is completed.

The fifteen-week term classes meet on the normal-term basis in most cases three times a week. During the fifteen weeks the work of a regular term of the academic year is completed.

The special six-week session of the School of Education classes meets daily, Monday through Friday.

### ADMISSION

A student desiring admission must obtain from the Office of the Director of Admissions an application blank which he must fill out completely and return to the Office of the Director of Admissions. Entrance requirements are stated in this bulletin under the various colleges, schools, and divisions. Further details may be obtained from the Director of Admissions.

To insure prompt action, applications for the Summer Sessions must be filed as early as possible. (See page 55.)

### METHODS OF ADMISSION

#### For the Student Seeking a Degree

An applicant from a secondary school must send the high school diploma form furnished by the University to his high school principal.

See special bulletin.



principal, with the request that the principal fill out the form and mail it direct to the Office of the Director of Admissions.

An applicant who has previously attended an institution of higher learning should request the registrar of that institution to mail direct to the Office of the Director of Admissions a transcript of his record. If he has attended more than one such institution he must request the registrar of each institution to send to the Office of the Director of Admissions a transcript of his record, even though credits were not earned, together with an honorable dismissal.

#### For the Student Not Seeking a Degree

The student in this group must obtain the approval of the Dean of the Division of University Students.

### REGISTRATION

Before a student may register he must have satisfied the Office of Admissions that he is qualified to enter the University.

A student previously matriculated in the University but not in attendance during the term preceding this registration must file an application for readmission in advance of registration.

#### TIME AND PLACE OF REGISTRATION

For the convenience of students, preregistration is provided. From May 14 through May 18, students may obtain registration forms, between 12 M. and 7 P.M., at the Office of the Registrar, Building C, 2029 G Street NW.

Registration, except in the Law School, will be conducted in the Hall of Government, 710 Twenty-first Street NW., from 2:00 to 8:00 P.M., Monday, June 4, for the first session; Thursday, July 26, for the second session.

Registration in the Law School will be conducted in Stockton Hall from 2:00 to 8:00 P.M., Monday, June 4, for the first session; Monday, July 30, for the second session.

#### LATE REGISTRATION

A fee of \$5 will be charged for all registrations after the stated registration day. Registration for credit closes one week after the registration day.

#### CHANGE IN REGISTRATION

Change in registration may be made only with the permission of the adviser or major professor and the dean or director of the college, school, or division concerned.

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## FEES AND FINANCIAL REGULATIONS

authorization of the Board of Trustees, the following fees have been adopted:

## UNIVERSITY FEE

For each session or any part thereof*	
For the student registered for credit.....	\$4.00
For the auditor†.....	2.00

## CREDIT FEES

For each credit hour.....	8.00
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## ADDITIONAL FEES AND DEPOSITS

Additional fees and deposits, such as laboratory and material fees and breakage deposits, are charged in certain courses as indicated in the course descriptions. Such fees are due with the tuition fee for the course. Breakage of apparatus is charged against the individual student, and the amount of breakage deposit paid in excess of actual breakage will be credited to the student's account at the end of the course.

## OTHER FEES

Re-registration fee, for failure to register within the designated period	5.00
Service fee, for late payment of tuition (see "Payment of Fees").....	1.00
Reinstatement fee, for reinstatement after suspension for delinquency	
in fees .....	5.00
Examinations to qualify for advanced courses, and for all special	
examinations, for each subject.....	5.00

## UNIVERSITY FEE

Payment of the University Fee covers all expenses incident to matriculation and, in addition, secures to each student in the Summer Sessions the following University privileges: (1) the issuance of certified transcripts of record, if and when desired; (2) the use of the University library facilities, except as otherwise designated; (3) medical and hospital services described below. These privileges, with the exception of the issuance of transcripts, cease when the student withdraws or is dismissed from the University. **Medical and Hospital Services.**—These services include: (1) visits by the University physician or surgeon, office or residence (District of Columbia) in any one illness, exclusive of a surgical operation, laboratory, or X-ray examinations; (2) hospitalization, including board, medicine, and nursing in the University Hospital for not more than two weeks during a school year; (3) the necessity to be determined by the Director of Health Administration. The duration of hospitalization period (maximum) is fifteen weeks.

\*Students registered for only those courses which extend over a single period of fifteen weeks pay a University fee of \$8.  
†Payment of this fee does not entitle auditors to the general privileges to which payment of the University fee entitles resident students.



mum, two weeks) is also to be determined by the Director of Health Administration.

The student is allowed, if he so desires, to engage physicians and nurses of his own choice, but when he does so he will be responsible for the fees charged.

This medical benefit does not apply to illness or disability incurred previous to the University term or prior to payment of the University registration fee.

#### PAYMENT OF FEES

All fees are payable at the Office of the Cashier, 725 Twenty-first Street NW. No student is permitted to complete registration or to attend classes until all fees are paid. Fees for each session are due in advance at the time of registration.

In exceptional cases, subject to the approval of the Comptroller, the student may sign a contract for the fees for courses which extend throughout one unbroken fifteen-week term, permitting three payments as follows: one-third plus the University fee and deposits at the time of registration, one-third on July 9, and one-third on August 13. The student whose fees are paid between July 10 and July 13, and between August 14 and August 17 is charged a service fee of \$1.00. A student who fails to make these payments by July 13 and August 17 will be suspended and may not attend classes until he has been officially reinstated and has paid all accrued fees and a reinstatement fee of \$5. A suspended student may not be reinstated for the session after one week from the date of suspension. Applications for reinstatement are to be made to the dean of the college or school or the director of the division in which the student is registered.

An auditor pays a University fee of \$2.00 a session and all other fees chargeable to the student registered for credit except the late-registration fee.

#### WITHDRAWALS AND REFUNDS

Registrations, except for courses which extend throughout one unbroken term of fifteen weeks, are for the session, and no refunds or rebates are allowed, unless the registration is in advance and the course is dropped before the day of registration for the session involved.

If notice of withdrawal or change in schedule involving courses which extend over an unbroken term of fifteen weeks is received by the dean of the college or school or the director of the division concerned on or before July 6, the second payment will be can-

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or adjusted. If notice of withdrawal or change of schedule is given on or before August 10, the third payment will be canceled or adjusted. Notice to an instructor is not acceptable notice. In no case will the University fee or any part of the initial payment of tuition be refunded because of nonattendance upon classes. Refunds apply only to the session or term for which registration charges are incurred and in no case will these payments be applied to another session or term.

A student granted "war leave" during a term will be credited with tuition payments made prior to the granting of such leave, and credit will be applicable toward a subsequent registration. A student in chemistry who fails to check out of the laboratory on or before the date set by the instructor, unless excused by the instructor, shall forfeit the balance of his deposit. A student registering a course before the end of the session or term must check out of the laboratory at once.

Permission to withdraw and no certificate for work done will be given a student who has not a clear financial record. The fiscal year of the University ends on August 31, no request for refunds can receive consideration after that date.

## STUDENT LIFE

### SOCIAL AND RECREATIONAL PROGRAM OF THE UNIVERSITY

Provision is made for the social and recreational side of student life during the Summer Sessions. The Annual Summer Sessions opens the season and is followed by Friday Evening Star-Dances on the Lisner Terrace. Teas are arranged so that students will have a chance to become acquainted with their fellow students.

The city of Washington affords a variety of recreational opportunities. Wooded trails for hiking, riding, and picnicking wind through Rock Creek Park.

The National Symphony Orchestra presents a series of weekly concerts at the Potomac Watergate nearby.

### LIVING ACCOMMODATIONS

Application for room reservations should be made well in advance. Forms for application, together with detailed information, may be obtained from the Adviser on Women's Activities.

The prices stated below are subject to change without notice.  
*Men Students.*—The Hattie M. Strong Residence Hall: single rooms with breakfast and dinner are \$54 a month; double rooms with the same service are \$47 a month a person.



Staughton Residence Hall: single rooms are \$25 a month; double rooms are \$18 a month a person.

### UNIVERSITY REGULATIONS

*Academic Credit.*—The Summer Sessions are an integral part of the University. Academic credit for completed work will be given toward the appropriate degrees in the various colleges and schools of the University in accordance with their separate regulations and requirements.

*Residence.*—Summer Sessions work may be counted in residence but the candidate for a degree must satisfy the residence requirements of the school or college concerned as stated in the general catalogue.

*Amount of Work.*—No full-time student may take more than nine credit hours of work during either session; no employed student, more than six hours. By carrying work in both sessions, a full-time student may earn as much as eighteen credit hours; an employed student, twelve hours.

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The right is reserved to drop any student whenever, in the interest of the student or the University, the Faculty deems it advisable to do so.

The University is not responsible for the loss, in any University building, of personal property belonging to a student.

The University and its various colleges, schools, and divisions reserve the right to modify or change the requirements, rules, and fees of the University. Such regulations shall go into force whenever the proper authorities may determine and shall apply to every student of the University.

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Detailed information concerning admission; scholarship requirements of the individual colleges, schools, and divisions; and requirements for degrees may be obtained from the general catalogue, which is available on request at the Office of the Director of Admissions.

E COLLEGES, SCHOOLS, AND DIVISIONS



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## COLLEGES, SCHOOLS, AND DIVISIONS

Information concerning specific requirements for degrees is found from this bulletin. For such information, the student is referred to the general catalogue.

### THE JUNIOR COLLEGE

Junior College includes the first two years of college work. Curricula are intended to continue the studies of a general culture begun in secondary school, and to lay a foundation for more specialized work which is to follow.

Junior College also provides the preprofessional work required for admission to the schools of Medicine, Law, Pharmacy, Education, and Government.

In addition it provides a two-year terminal curriculum in Secretarial Studies and a two-year terminal curriculum in Accounting for students who wish strictly vocational training in these subjects.

#### THE DEGREE OF ASSOCIATE IN ARTS

Junior College offers work leading to the degree of Associate in Arts.

#### ENTRANCE REQUIREMENTS

An acceptable certificate of graduation from an accredited secondary school is required. The acceptability of the certificate depends upon the student's character and the quality of his work.

### COLUMBIAN COLLEGE

Columbian College, the senior college of liberal arts and sciences, carries on the work of the junior and senior years and the Master of Arts and Master of Science disciplines.

#### THE DEGREES

Columbian College offers work leading to the following degrees: Bachelor of Arts, Bachelor of Science, Master of Arts, and Master of Science.

In cooperation with the School of Medicine, Columbian College offers work leading to the combined degrees of Bachelor of Arts and Doctor of Medicine.



In cooperation with the Law School, Columbian College offers work leading to the combined degrees of Bachelor of Arts and Bachelor of Laws.

#### ENTRANCE REQUIREMENTS

*For the Bachelor's Degrees.*—The degree of Associate in Arts based on the appropriate curriculum in the Junior College, or the equivalent, is required. Scholarship requirements may be somewhat higher than those for graduation from the Junior College.

*For the Master's Degrees.*—An approved Bachelor's degree from an accredited institution and a transcript of studies previously pursued, showing a superior quality of work in the major field, are required.

#### THE GRADUATE COUNCIL

The Graduate Council offers work leading only to the degree of Doctor of Philosophy. Because the basis for work under the Graduate Council is primarily creative research, regular study in specific courses is considered quite incidental and is therefore not emphasized in connection with the curricula of the Summer Sessions. A student wishing to work under the disciplines of the Graduate Council will consult the Chairman of the Graduate Council for information concerning credentials and candidacy.

#### THE SCHOOL OF MEDICINE

During the summer of 1945, courses will be offered for the three upper classes in the School of Medicine. The admission of the next freshman class has been postponed from June to September of 1945. For specific information, see the catalogue of the School of Medicine.

#### THE LAW SCHOOL

A full term of work will be offered in the Law School during the 1945 Summer Sessions. For specific information, see the special bulletin.

#### THE SCHOOL OF EDUCATION

The School of Education prepares teachers, supervisors, and administrators for educational service and offers opportunities to teachers of experience to extend their education. The schedule of courses is arranged to meet the needs of employed students as

those able to devote full time to their studies. It offers graduate and undergraduate work.

#### THE DEGREES

School of Education offers work leading to the following degrees: Bachelor of Arts in Education, Bachelor of Science in Economics, Bachelor of Science in Physical Education, Bachelor of Arts in Education, and Doctor of Education.

#### ENTRANCE REQUIREMENTS

*the Bachelor's Degree.*—The satisfactory completion of two years of approved college work, or graduation from an approved high school, or the equivalent, is required.

*the Master's Degree.*—A Bachelor's degree from an accredited college, or the equivalent, and the approval of the Committee on Graduate Studies and Advanced Standing are required.

*the Doctor's Degree.*—A Master's degree from an accredited college, or the equivalent, and the approval of the Faculty of the School of Education are required.

#### THE SCHOOL OF GOVERNMENT

##### THE DEGREES

School of Government offers work leading to the following degrees: Bachelor of Arts in Government with a major in Foreign Languages, Statistics, Accounting, or Business Administration; and Bachelor of Arts in Government with a major in the above fields. Also in Government and Economic Policy, Public Administration, Public Personnel Administration, or Vocational Coun-

#### ENTRANCE REQUIREMENTS

*the Bachelor's Degree.*—The satisfactory completion of two years of approved college work, or the equivalent, is required.

*the Master's Degree.*—An approved Bachelor's degree based on proper training for the field selected by the student for graduate study.

#### THE DIVISION OF UNIVERSITY STUDENTS

Division of University Students makes the work of the University, in its several colleges and schools, accessible to the student who is not working toward a degree in this University.

**ENTRANCE REQUIREMENTS**

The student who is twenty-one years of age or over (or in special cases arising out of the national emergency, nineteen years or over) and who has not attended another institution within the year preceding his application to this university may register without filing records.

The student twenty-one years of age or over who has attended another institution within the year preceding application to this University must request a statement of good standing and honorable dismissal from the last institution attended.

The student under twenty-one years of age must submit complete and satisfactory credentials.

**THE DIVISION OF SPECIAL STUDENTS**

Students who wish to work toward degrees in this University but who do not qualify for admission to degree-granting schools and colleges are registered in the Division of Special Students.



COURSES OF INSTRUCTION

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## COURSES OF INSTRUCTION

### EXPLANATION OF COURSE NUMBERS

*Odd number preceding the name of the course indicates that the course is offered in the first session; an even number, that it is offered in the second session.* The letter "x" following an odd number (e.g., 5x) indicates that the course, normally given in the first session, is given in the second session. The letter "x" following an even number (e.g., 6x) indicates that the course, normally given in the second session, is given in the first session. The letter "S" following the number of a course indicates that the course is given in one term of fifteen weeks.

*First-group courses.*—Courses numbered from 1 to 100, are intended for the student in the freshman or sophomore year. With the approval of the adviser and the dean, they may also be taken by a junior or senior. In certain instances, they may be taken by a graduate student to make up undergraduate deficiencies or as a prerequisite to advanced courses, but they may not be credited toward a higher degree.

*Second-group courses.*—Courses numbered from 101 to 200, are intended for the student in the junior or senior year. They may be credited toward higher degrees only when registration for graduation has been approved at the beginning of the course by the responsible officer for the graduate work and by the officer of instruction, and when the completion of additional work has been approved by the officer of instruction.

*Third-group courses.*—Courses numbered from 201 to 300, are intended primarily for the graduate student. They are open, with the approval of the officer of instruction, to the qualified senior; but are not open to the Junior College student.

### INDICATION OF THE AMOUNT OF CREDIT

The number of hours of credit given for the satisfactory completion of a course is in most cases indicated in parentheses after the name of the course.

One credit hour represents one class hour or a minimum of two lecture hours a week for a period of fifteen weeks.

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The University reserves the right to change or withdraw any courses of instruction listed.



## BOTANY

## FIRST SESSION

- 1 *Structure and Function of the Flowering Plant* (3) Yocum  
The typical plant as a working mechanism, with emphasis on the general biological significance of plant physiology. Material fee, \$4.50. Lecture and laboratory, Tues. through Fri., 11:10 A.M. to 1:00 P.M. (Room: C-405)

## SECOND SESSION

- 2 *Survey of the Plant Kingdom* (3) Yocum  
Study of the different kinds of plants with emphasis on the evolution of the plant kingdom; practice in identifying flowering plants. Material fee, \$4.50. Lecture and laboratory, Tues. through Fri., 11:10 A.M. to 1:00 P.M. (Room: C-405)

## BUSINESS ADMINISTRATION

## FIRST SESSION

- 51 *Principles of Accounting* (3) Kennedy  
Principles and procedures of double-entry accounting with special reference to single proprietorships. 6:10 P.M. (Room: Gov. 201)
- 155 *Analysis of Financial Statements* (3) Kennedy  
Technique of analyzing financial statements for the guidance of operating executives, directors, stockholders, and creditors; valuation of balance-sheet items; determination and interpretation of ratios. 7:10 A.M. (Room: Gov. 201)
- 182X *Public Utilities* (3) Kennedy  
Public utility characteristics, organization, management, financing, combinations, and accounting; regulation, valuation, and rate-making are stressed. Prerequisite: Economics 1-2. 7:10 P.M. (Room: Gov. 201)

## SECOND SESSION

- 52 *Principles of Accounting* (3) Owens  
Accounting principles applied to partnerships and corporations; the valuation problem. 6:10 P.M. (Room: Gov. 201)
- 102 *Business Management* (3) Owens  
Organization and management of a business with particular reference to a manufacturing concern. 7:10 A.M. (Room: Gov. 201)
- 128 *Principles of Insurance* (3) Owens  
Principles of property, life, marine, and casualty insurance; the functions of insurance in the economic life of a business or individual. Prerequisite: Economics 1-2. 7:10 P.M. (Room: Gov. 201)

## CHEMISTRY

## FIRST SESSION

*General Chemistry (4)* Hooper  
For students who are beginning the study of chemistry and for those with high school chemistry who fail the qualifying examination in Chemistry 12. This course is the first half of a full course. The second half, Chemistry 12, must be completed before credit is allowed. Material fee,\* \$9. Tues. through Fri., 9:10 A.M. to 1:00 P.M. (Room: Cor. 39)

*Inorganic Qualitative Analysis (4)* Van Horn  
Prerequisite: Chemistry 12. Required of all students of pharmacy and recommended for premedical students. Material fee,\* \$9. Tues. through Fri., 9:10 A.M. to 1:00 P.M. (Room: Cor. 34)

*Organic Chemistry (4)* Mackall  
Chemistry of the carbon compounds. Semi-micro technique is emphasized in the laboratory. Prerequisite: Chemistry 12; however, students are strongly advised to take Chemistry 21 before entering this course. This course is the first half of a full course. The second half, Chemistry 152, must be completed before credit is allowed. Lecture (3), laboratory (1). Material fee,\* \$9. Lecture: Mon., Wed., and Fri., 9:10 and 11:10 A.M. Laboratory: Tues. and Thurs., 9:10 A.M. to 12:00 M. (Room: Cor. 37)

*Research* The Staff  
Hours, credits, and fees to be arranged.

*Thesis (3)* The Staff  
Hours to be arranged. Material fee,\* \$12.

## SECOND SESSION

*General Chemistry (4)* Hooper  
Prerequisite: Chemistry 11, or high school chemistry and permission of the instructor. Material fee,\* \$9. Tues. through Fri., 9:10 A.M. to 1:00 P.M. (Room: Cor. 39)

*Inorganic Quantitative Analysis (4)* Van Horn  
Prerequisite: Chemistry 21 or the equivalent. The principles of gravimetric and volumetric analysis. Material fee,\* \$12. Tues. through Fri., 9:10 A.M. to 1:00 P.M. (Room: Cor. 34)

*Organic Chemistry (4)* Mackall  
A continuation of Chemistry 151. Prerequisite: Chemistry 151. Lecture (3), laboratory (1). Material fee,\* \$9. Lecture: Mon., Wed., and Fri., 9:10 and 11:10 A.M. Laboratory: Tues. and Thurs., 9:10 A.M. to 12:00 M. (Room: Cor. 37)

*Research* The Staff  
Hours, credits, and fees to be arranged.

A \$10.00 deposit, payable in advance, is required of the student registered for chemistry courses requiring a material fee.

- 300 *Thesis* (3)  
Hours to be arranged. Material fee,\* \$12.

## FIFTEEN-WEEK TERM

12S *General Chemistry* (4)

Wrenn

Prerequisite: Chemistry 11 or high school chemistry and permission of the instructor. Material fee,\* \$9. Lecture: Tues. and Thurs., 10:10 A.M.; laboratory: Tues. and Thurs., 2:10 to 5:00 P.M. (Room: Cor. 35)

252S *Advanced Organic Chemistry* (3)

Wrenn

An introduction to the literature of organic chemistry; the study of the syntheses, reactions, and properties of carbon compounds; the fundamental theories of organic chemistry. Prerequisite: Chemistry 111-12 and 152. Open to the senior student with permission of the instructor. Mon., Wed., and Fri., 7:10 P.M. (Room: Cor. 37)

## ECONOMICS

## FIRST SESSION

I *Introductory Economics* (3)

Watson

Survey of the major economic institutions and economic problems in contemporary society.

Section A: 11:10 A.M. (Room: Gov. 1)

Section B: 6:10 P.M. (Room: Gov. 1)

101 *Economic Theory* (3)

Watson

Introduction to formal economic theory; advanced analysis of demand, supply, and price relations. Mon., Wed., and Fri., 7:10 to 8:25 P.M. (Room: Gov. 200)

102X *History of Economic Thought* (3)

Burns

Economic doctrines since the mercantilist writers, the history of the major schools of thought, influence of changing problems on theory. 7:10 A.M. (Room: Gov. 203)

146X *Economic Security and Social Insurance* (3)

Economic and social problems of unemployment and destitution. analysis of the federal social security program, survey of the Beveridge and other plans for post-war social security. 6:10 P.M. (Room: Gov. 200)

## SECOND SESSION

2 *Introductory Economics* ‡ (3)

Kerr

Continuation of Economics 1

Section A: 8:10 A.M. (Room: Gov. 1)

Section B: 6:10 P.M. (Room: Gov. 1)

\* A breakage deposit of \$10, payable in advance, is required of the student registered for one or more chemistry courses requiring a material fee.  
‡ Economics 1-2 is prerequisite to all other courses in economics.



*The National Income* (3)

The measurement, composition, and determinants of the national income.

*Economic Geography* (3)

The economics of natural resources: raw materials, staple crops, and location of industry. 7:10 P.M. (Room: Gov. 200)

## EDUCATION

## FIRST SESSION

*Learning and Teaching* (3)

Hall

Psychological bases of teaching, including adolescent growth and development; caring for individual differences; mental hygiene in the classroom. Mon., Wed., and Fri., 7:10 to 8:50 P.M. (Room: D-103)

*Seminar: Secondary Education* (3)

Fox

Review of recent literature and practices; particular attention to *Education for All American Youth*, the recent report of the Educational Policies Commission. Mon. and Wed., 7:10 P.M. Conference hour: Mon. and Wed., 6:10 P.M. (Room: Lis. 404)

*Administration: Organization and Administration of a School System* (3)

Hall

For superintendents and those aspiring to this position. Issues, principles, and problems of the superintendency as conditioned by local circumstances. Prerequisites: Education 271 and 272 or the equivalent. Thurs., 4:00 to 6:00 P.M., and 7:10 to 9:10 P.M. Dinner meeting at 6:10 P.M. (Room: D-103)

*Extra-classroom Activities* (3)

Fox

Student self-government, assemblies, school publications, clubs, home-room programs, community surveys, field trips. Tues. and Thurs., 7:10 P.M. Conference hour: Tues. and Thurs., 6:10 P.M. (Room: Lis. 404)

*Individual Study* (3)

The Staff

A limited number of students will be permitted to enroll on an individual study basis for the following courses regularly offered in the fall and winter terms:

- 110 Principles of Teaching
- 229 Administration and Supervision of Elementary Education
- 244 Problems in Secondary School Science
- 259 Administration of Secondary Education
- 275 State School Administration
- 276 Public Relations in School Administration

*Thesis* (3)

The Staff

## SECOND SESSION

156 *Secondary Education: The Junior and Senior High School* (3) Root

Development, purpose, relation to elementary education, organization and administration, guidance, program of studies, community relationships. Mon., Wed., and Fri., 7:10 to 8:50 P.M. (Room: D-103)

223x *Remedial Techniques in Basic School Subjects* (3) Little

Review of research findings and current practices. Mon. and Wed., 7:10 P.M. Conference hour: Mon. and Wed., 6:10 P.M. (Room: Lis. 404)

227x *Contemporary Movements in Elementary Education* (3) Little

Survey of present practices throughout the United States, trends and their changing emphases, lessons to be learned from the war. Tues. and Thurs., 7:10 P.M. Conference hour: Tues. and Thurs., 6:10 P.M. (Room: Lis. 404)

*Individual Study* (3) The Staff

A limited number of students will be permitted to enroll on an individual study basis for the following courses regularly offered in the fall and winter terms:

- 137 Teaching of Geography
- 138 Teaching the Social Studies
- 218 Social Foundations of Education
- 222 Early Childhood Education—Primary Grades
- 251 Principles and Methods in the Senior High School

298 *Thesis* (3) The Staff

## SPECIAL SIX-WEEK SESSION

July 2 to August 10

206 *The Curriculum* (3) Hall

Organized as a curriculum workshop with lectures, conferences, and group discussions. Mon. through Fri., 11:30 A.M. to 12:30 P.M. Conference hours: Mon. and Fri., 10:30 A.M., and Wed., 12:30 P.M. (Room: Lis. 403)

217 *Contemporary Problems in Education* (3) Jarman

Designed to help students formulate a personal philosophy of education. Mon. through Fri., 8:00 to 9:00 A.M. Conference hours: Tues. and Thurs., 9:00 A.M., and Wed., 10:10 A.M. (Room: D-103)

228 *Teaching Materials in the Elementary Grades* (3) Little

Critical examination of texts, visual and auditory aids, and other materials available to elementary school teachers. Laboratory and discussion. Mon. through Fri., 9:10 to 10:10 A.M. Conference hours: Mon. and Fri., 10:10 A.M., and Wed., 8:10 A.M. (Room: Lis. 404)

*The Teacher and School Supervision* (3) Fox  
Aims and objectives of supervision in relation to wartime demands, personnel problems, supervisory techniques, evaluation of school efficiency. Mon. through Fri., 10:20 to 11:20 A.M. Conference hours: Tues. and Thurs., 9:20 A.M., and Wed., 11:20 A.M. (Room: Lis. 404)

*Individual Study* (3) The Staff  
A limited number of students will be permitted to enroll on an individual study basis for the following courses regularly offered in the fall and winter terms:

- 110 Learning and Teaching
- 138 Teaching the Social Studies
- 218 Social Foundations of Education
- 222 Early Childhood Education—Primary Grades
- 229 Administration and Supervision of Elementary Education
- 251 Principles and Methods in the Senior High School
- 259 Administration of Secondary Education
- 271 The Teacher and School Administration

*Thesis* (3-3) The Staff

## ENGINEERING

Students in the School of Engineering have the opportunity of during the summer, many of their required and elective offered in the Junior College and Columbian College

## ENGLISH

### FIRST SESSION

*Freshman English* (3) The Staff  
Grammatical review, exercises in composition, study and criticism of prose essays.  
Section A: 9:10 A.M. (Room: D-207)  
Section B: 6:10 P.M. (Room: D-202)

*Freshman English* (3) The Staff  
Continuation of English I.  
Section A: 10:10 A.M. (Room: D-207)  
Section B: 7:10 P.M. (Room: D-207)

*Introduction to English Literature* (3) Smith  
A historical survey. 7:10 P.M. (Room: D-205)

*Introduction to American Literature* (3) Cole  
A historical survey from the beginnings to the Civil War. 10:10 A.M. (Room: Gov. 101)

*Introduction to European Literature* (3) Weber  
Consideration of various types. 6:10 P.M. (Room: D-201)



- 136x *Shakespeare* (3) Tupper  
Shakespeare's major tragedies. 7:10 P.M. (Room: D-201)
- 151 *The Romantic Movement* (3) Smith  
6:10 P.M. (Room: D-205)
- 175 *The American Drama* (3) Cole  
Reading and analysis of significant plays from the beginnings to the present day. 11:10 A.M. (Room: Gov. 101)
- 184x *The English Drama* (3) Tupper  
A survey from 1660 to the present day. 8:10 P.M. (Room: D-201)

## SECOND SESSION

- 1x *Freshman English* (3) The Staff  
Grammatical review, exercise in composition, study and criticism of prose essays.  
Section A: 10:10 A.M. (Room: D-207)  
Section B: 7:10 P.M. (Room: D-207)
- 2 *Freshman English* (3) The Staff  
Continuation of English 1.  
Section A: 9:10 A.M. (Room: D-207)  
Section B: 6:10 P.M. (Room: D-202)
- 52 *Introduction to English Literature* (3) Irvine  
A historical survey. 7:10 P.M. (Room: D-205)
- 72 *Introduction to American Literature* (3) Bolwell  
A historical survey from the Civil War to the present day. 10:10 A.M. (Room: Gov. 101)
- 92 *Introduction to European Literature* (3) Shepard  
A consideration of various types. 6:10 P.M. (Room: D-201)
- 152 *The Romantic Movement* (3) Irvine  
6:10 P.M. (Room: D-205)
- 162 *Victorian Poetry* (3) Shepard  
Major English poets from 1830 to 1890. 7:10 P.M. (Room: D-201)
- 178 *Recent American Literature (Fiction and Drama)* (3) Bolwell  
Modern trends and significant writers of the 1930's and 1940's (including motion pictures). 11:10 A.M. (Room: Gov. 101)

## GEOGRAPHY

## FIRST SESSION

*Introduction to Geography (3)*

An introductory study of geography—physical elements, the human habitat. 6:10 P.M. (Room: D-302)

## SECOND SESSION

*Introduction to Geography (3)*

Natural and cultural regions, economic occupancy of the earth, and utilization of its resources. 6:10 P.M. (Room: D-302)

## GERMAN

## FIRST SESSION

*First-year German (3)*

Sehrt

Essentials of grammar and translation of simple prose. 6:10 P.M. (Room: D-300)

*Second-year German (3)*

Sehrt

Composition and conversation, readings in prose and poetry. 7:10 P.M. (Room: D-203)

## SECOND SESSION

*First-year German (3)*

Rogers

Continuation of German I. Essentials of grammar and translation of simple prose. 6:10 P.M. (Room: D-300)

*Second-year German (3)*

Rogers

Continuation of German 5. Composition and conversation, readings in prose and poetry. 7:10 P.M. (Room: D-203)

## HISTORY

## FIRST SESSION

*The Development of European Civilization to 1500 (3)*

Kayser

Primarily for freshmen. The political, social, economic, and cultural history of the Old World from ancient times through the Middle Ages. 7:10 A.M. (Room: Gov. 1)

*The Development of American Civilization to 1865 (3)*

Campbell

Primarily for sophomores. The background of modern America: the political, social, economic, and cultural forces of the United States in their world setting. 6:10 P.M. (Room: Gov. 2)

- 149 *European Diplomatic History* (3) Kayser  
A study of European diplomacy from the Congress of Vienna to the present. 8:10 A.M. (Room: Gov. 1)
- 162x *Hispanic American Civilization* (3) Wilgus  
A survey of Hispanic America since independence. 6:10 P.M. (Room: Gov. 304)
- 163 *Pan American Problems* (3) Wilgus  
9:10 A.M. (Room: Gov. 203)

## SECOND SESSION

- 40 *The Development of European Civilization since 1500* (3) Ragatz  
Primarily for freshmen. The political, social, economic, and cultural history of the Old World from the Age of Exploration to the present. 7:10 A.M. (Room: Gov. 1)
- 72 *The Development of American Civilization since 1865* (3) Campbell  
Primarily for sophomores. The emergence and problems of modern America: the political, social, economic, and cultural forces of the United States in their world setting. 6:10 P.M. (Room: Gov. 2)
- 148 *The Second World War and Reconstruction* (3) Ragatz  
6:10 P.M. (Room: Gov. 304)
- 174 *Economic History of the United States* (3) \_\_\_\_\_  
Main trends in the development of American agriculture, industry, and trade since 1607, with emphasis on tendencies and problems since the Civil War. Prerequisite: History 71-72. 7:10 P.M. (Room: Gov. 300)
- 182 *Diplomatic History of the United States* (3) \_\_\_\_\_  
Tendencies toward isolation, expansion, and collectivism; disputes with foreign countries and their settlement; and the activities of American secretaries of state and diplomatic agents—from the Civil War to the present. Prerequisite: History 71-72. 7:10 P.M. (Room: Gov. 301)

## FIFTEEN-WEEK TERM

- 191S *Current History* (1) Kayser  
Contemporary events in their world setting.  
Section A: Mon., 11:10 A.M. (Room: D-105)  
Section B: Mon., 8:10 P.M. (Room: D-105)



## LAW

Complete information concerning the courses offered in the summer of the Law School will be mailed upon request to the Law School.

## MATHEMATICS

## FIRST SESSION

*College Algebra* (3) Williams  
Prerequisite: one year each of high school algebra and high school geometry. 6:10 P.M. (Room: D-206)

*Plane Trigonometry* (3) Williams  
Prerequisite: two years of high school algebra and one year of high school geometry, or Mathematics 3 (or concurrent registration therefor). 7:10 P.M. (Room: D-206)

*Analytic Geometry* (3) Mears  
Prerequisite: Mathematics 6. 7:10 P.M. (Room: D-204)

*Differential Calculus* (3) Mears  
Prerequisite: Mathematics 12. 6:10 P.M. (Room: D-204)

*Introduction to Infinite Series* (3) Mears  
Prerequisite: Mathematics 20. 8:10 P.M. (Room: D-204)

## SECOND SESSION

*Plane Trigonometry* (3) Taylor  
Prerequisite: two years of high school algebra and one year of high school geometry, or Mathematics 3 (or concurrent registration therefor). 6:10 P.M. (Room: D-206)

*Analytic Geometry* (3) Taylor  
Prerequisite: Mathematics 6. 7:10 P.M. (Room: D-206)

*Differential Calculus* (3) Johnston  
Prerequisite: Mathematics 12. 7:10 P.M. (Room: D-204)

*Integral Calculus* (3) Johnston  
Prerequisite: Mathematics 19. 6:10 P.M. (Room: D-204)

## PHARMACY

Students in the School of Pharmacy have the opportunity of attending during the summer, many of their required and elective courses offered in the Junior College and Columbian College cur-

## PHILOSOPHY

## FIRST SESSION

**1 Introduction to Philosophy (3)**

Garnett

Designed to introduce the student to the vital issues, both theoretical and practical, with which human intelligence is confronted. 6:10 P.M. (Room: D-200)

**122X Logic (3)**

Garnett

A critical study of deductive logic, induction, and the application of the principles of reflective thought in the natural and social sciences. 7:10 P.M. (Room: D-200)

## SECOND SESSION

**2 Introduction to Philosophy (3)**

Garnett

6:10 P.M. (Room: D-200)

## PHYSICS

## FIFTEEN-WEEK TERM

**6S General Physics \* (3)**

Cheney and Staff

Mechanics, wave-motion, sound, and the theory of optical instruments. Prerequisite: Physics 5. Material fee, \$6.  
Section A: Mon. and Fri., 1:10 P.M.; laboratory: Fri., 2:10 to 4:00 P.M. (Rooms: Cor. 10, 27, and 29)  
Section B: Mon. and Fri., 6:10 P.M.; laboratory: Fri., 8:10 to 10:00 P.M. (Rooms: Cor. 10, 27, and 29)

**7S General Physics \* (3)**

Cheney and Staff

Electricity; magnetism; the principles underlying the uses of electric power in everyday life. Prerequisite: Physics 5. Material fee, \$6. Tues. and Thurs., 6:10 P.M.; laboratory: Tues., 8:10 to 10:00 P.M. (Rooms: Cor. 10, 27, and 29)

**161S Nuclear Physics (3)**

Gamow

Radioactivity, nuclear transformations, new particles; astrophysical applications. Prerequisite: Physics 113-14. Tues. and Thurs., 6:10 to 7:25 P.M. (Room: Lis. 1B)

**232S Advanced Electronics (3)**

Brown

Theory and design of electron tubes and electronic circuits. Lectures and problems. Prerequisite: Physics 132. Mon., Wed., and Fri., 6:10 P.M. (Room: Cor. 27)

\* Physics 6, 7, and 8 constitute the basic course in physics. Students who have credit for high school physics from an accredited high school may omit Physics 5 as a prerequisite to Physics 6 and 7, provided that they pass a qualifying examination given at the beginning of the course (Physics 6 or Physics 7).

POLITICAL SCIENCE

FIRST SESSION

*Government of the United States* (3) West  
Fundamental principles of political science and the organization of the Federal Government. 6:10 P.M. (Room: Gov. 102)

*Government of the United States* (3) West  
The organization of state and local governments; relationships with the Federal Government; the functioning of the federal, state, and local governments in the United States. 7:10 P.M. (Room: Gov. 102)

*Political Theory* (3) West  
8:10 P.M. (Room: Gov. 102)

*International Politics and Organization* (3) Johnstone  
5:10 P.M. (Room: Gov. 302)

*Seminar: International Law and Relations* (3) Johnstone  
Tues. and Thurs., 8:10 P.M. (Room: Gov. 303)

SECOND SESSION

*Government of the United States* (3) Tillema  
Fundamental principles of political science and the organization of the Federal Government. 9:10 A.M. (Room: Gov. 202)

*Government of the United States* (3) Tillema  
The organization of state and local governments; relationships with the Federal Government; the functioning of the federal, state, and local governments in the United States. 6:10 P.M. (Room: Gov. 102)

*The Governments of Europe: The Democracies* (3) Tillema  
A survey of the democracies of Europe, with emphasis upon the government of Great Britain. 7:10 P.M. (Room: Gov. 202)

PSYCHOLOGY

FIRST SESSION

*General Psychology* (3) Smith  
The fundamental principles underlying human behavior.  
Section A: 8:10 A.M. (Room: D-105)  
Section B: 7:10 P.M. (Room: D-105)

*Psychological Tests* (3) Hunt  
A survey of psychological tests and their more common uses in personnel, educational, and military organizations. Material fee, \$2.25.  
10:10 A.M. (Room: D-105)



- 144x Public Personnel Administration (3)**  
A survey of in-service personnel activities, and the application of psychological techniques to them. 6:10 P.M. (Room: D-301)
- 148x Employee Counseling (3)** Davis  
A study of the principles and techniques of counseling as applied to employees, with special reference to the problems of counselors in government departments. Tues. and Thurs., 7:10 to 9:30 P.M. (Room: D-207)
- 151 Social Psychology (3)** Smith  
The social foundations of attitudes and behavior. Individual adjustment to group situations such as the family, school, fraternity, and occupation. The psychological bases of race prejudice, nationalism, and war. 6:10 P.M. (Room: D-105)
- 203 Research in Psychology** The Staff  
Hours and credits to be arranged.
- 214x Personality Deviations and Maladjustments (3)** Hunt  
A study of the psychology of maladjustments with special emphasis upon application of knowledge to current problems related to war and post-war situations. Prerequisite: abnormal psychology or mental hygiene. Mon. and Wed., 7:10 to 9:30 P.M. (Room: D-301)

## SECOND SESSION

- ix General Psychology (3)** Fehrer  
The fundamental principles underlying human behavior. 9:10 A.M. (Room: D-105)
- 2 Applied Psychology (3)** Fehrer, Omwake  
The applications of psychology in business, industry, medicine, law, guidance, education, and social problems.  
Section A: 8:10 A.M. (Room: D-105)  
Section B: 7:10 P.M. (Room: D-105)
- 116 Abnormal Psychology (3)** Omwake  
The causes, diagnosis, treatment, and prevention of the various types of maladjustments and mental disorders. 6:10 P.M. (Room: D-301)
- 191x Experimental Psychology (3)** Fehrer  
The application of experimental methods to various psychological problems. Material fee, \$6. Mon., Wed., and Fri., 7:10 to 9:30 P.M. (Room: D-301)
- 204 Research in Psychology** The Staff  
Hours and credits to be arranged.
- 230 Seminar: Educational and Vocational Counseling (3)** Davis  
Current problems in the field of counseling. Special problems will be assigned in vocational counseling for governmental administration, commercial pursuits, industrial management, and veterans' direction. Tues. and Thurs., 7:10 to 9:25 P.M. (Room: D-301)

## ROMANCE LANGUAGES

## FIRST SESSION

## French

*First-year French* (3) Caskie  
Grammar, translation, pronunciation. 6:10 P.M. (Room: D-103)

*Second-year French* (3) Caskie  
Reading of modern French, grammar review, oral practice. 7:10 P.M.  
(Room: D-304)

## Spanish \*

*First-year Spanish* (3) Protzman, Alonso  
Grammar, translation, pronunciation.  
Section A: 9:10 A.M. (Room: D-201)  
Section B: 6:10 P.M. (Room: D-306)

*Second-year Spanish* (3) Protzman, Alonso  
Reading of modern Spanish, grammar review, oral practice.  
Section A: 10:10 A.M. (Room: D-201)  
Section B: 7:10 P.M. (Room: D-306)

*Conversation and Composition* (3) Alonso  
8:10 A.M. (Room: D-205)

*The Spanish American Novel* (3) Espinosa  
Development of the novel in Spanish America. Lectures, collateral  
reading, and class analysis of texts. 6:10 P.M. (Room: D-207)

## SECOND SESSION

## French

*First-year French* (3) Deibert  
Continuation of French I. 6:10 P.M. (Room: D-103)

*Second-year French* (3) Deibert  
Continuation of French 5. 7:10 P.M. (Room: D-304)

## Spanish

*First-year Spanish* (3) Doyle, \_\_\_\_\_  
Continuation of Spanish I.  
Section A: 9:10 A.M. (Room: D-201)  
Section B: 6:10 P.M. (Room: D-306)

*Second-year Spanish* (3) Doyle, \_\_\_\_\_  
Continuation of Spanish 5.  
Section A: 10:10 A.M. (Room: D-201)  
Section B: 7:10 P.M. (Room: D-306)

\*6 or the equivalent is prerequisite for all second-group courses in Spanish

- 110 *Conversation and Composition* (3)  
Continuation of Spanish 109. 8:10 A.M. (Room: D-205)

Espinosa

- 130 *The Spanish American Novel* (3)  
Continuation of Spanish 129. 6:10 P.M. (Room: D-207)

## FIFTEEN-WEEK TERM

## Spanish

- 1S *First-year Spanish* (3)  
Grammar, translation, pronunciation. Mon., Wed., and Fri., 7:10 P.M.  
(Room: D-300)

## SPEECH

## FIRST SESSION

- 1 *Principles of Effective Speaking* (3) Yeager  
Short informative speeches; delivery practice; pronunciation, enunciation, and diction; impromptu speaking. Speech recordings are required. Recording fee, \$1.50. 7:10 P.M. (Room: Aud. A)

- 109 *Radio Speaking* (3) Yeager  
The production of radio programs with emphasis on speeches, interviews, discussions, news reporting, news commentating, and plays. Prerequisite: three credit hours of speech. Recording fee, \$3.00. 8:10 P.M. (Room: Aud. A)

## STATISTICS

## FIRST SESSION

- 5 *Mathematics of Finance* (3) Weidner  
Prerequisite: at least one entrance unit in algebra. Interest, annuities, sinking funds, amortization, depreciation, stock and bond valuation, life insurance. 6:10 P.M. (Room: Gov. 401)

- †101-2 *Economic and Sociological Statistics* (3-3) Weidner  
Sources of data; collecting and assembling of statistics; tabulation; graphical analysis; averages; measures of dispersion; frequency distribution; index numbers; time series; the normal curve; correlation. Prerequisite: at least one entrance unit in algebra. *Students desiring to register for one half of this course must obtain permission from the instructor.* Second half begins June 29. Laboratory fee, \$5 for each half. 7:10 to 9:30 P.M. (Room: Gov. 401)

## SECOND SESSION

- 100 *General Statistics* (3)  
A survey of statistical method in business administration, biological sciences, commercial engineering, economics, education, fisheries, forestry, medical science, military science, sociology, physical sciences, and psychology. Prerequisite: at least one entrance unit in algebra. 6:10 P.M. (Room: Gov. 401)



## ZOOLOGY

## FIRST SESSION

**Introduction to Zoology (4)** Mortensen  
An introduction to the study of the structures, functions, and relation of animals and of the fundamental biological principles involved. Material fee, \$4.50. Mon. through Thurs., 7:10 P.M.; laboratory: 8:10 to 10:00 P.M. Required of all premedical students. (Room: C-308)

**Field Zoology (3)** Mortensen  
Collecting trips and laboratory studies of the animals from various localities about Washington. The course is designed to give first-hand information about habitats, life histories, animal identification, and basic anatomy. Material fee, \$2.50. Mon., Wed., and Fri., 1:40 to 4:30 P.M. (Room: C-301)

**Histology (3)** Young  
An introduction to the microscopical anatomy of the normal tissues and organs. Prerequisite: Zoology 1-2. Material fee, \$6. Mon. and Wed., 6:10 to 9:00 P.M.; Tues. and Thurs., 6:10 to 8:00 P.M. (Room: C-310)

**Research (3)** The Staff  
Investigation of special problems. Hours to be arranged.

**Thesis (3)** The Staff

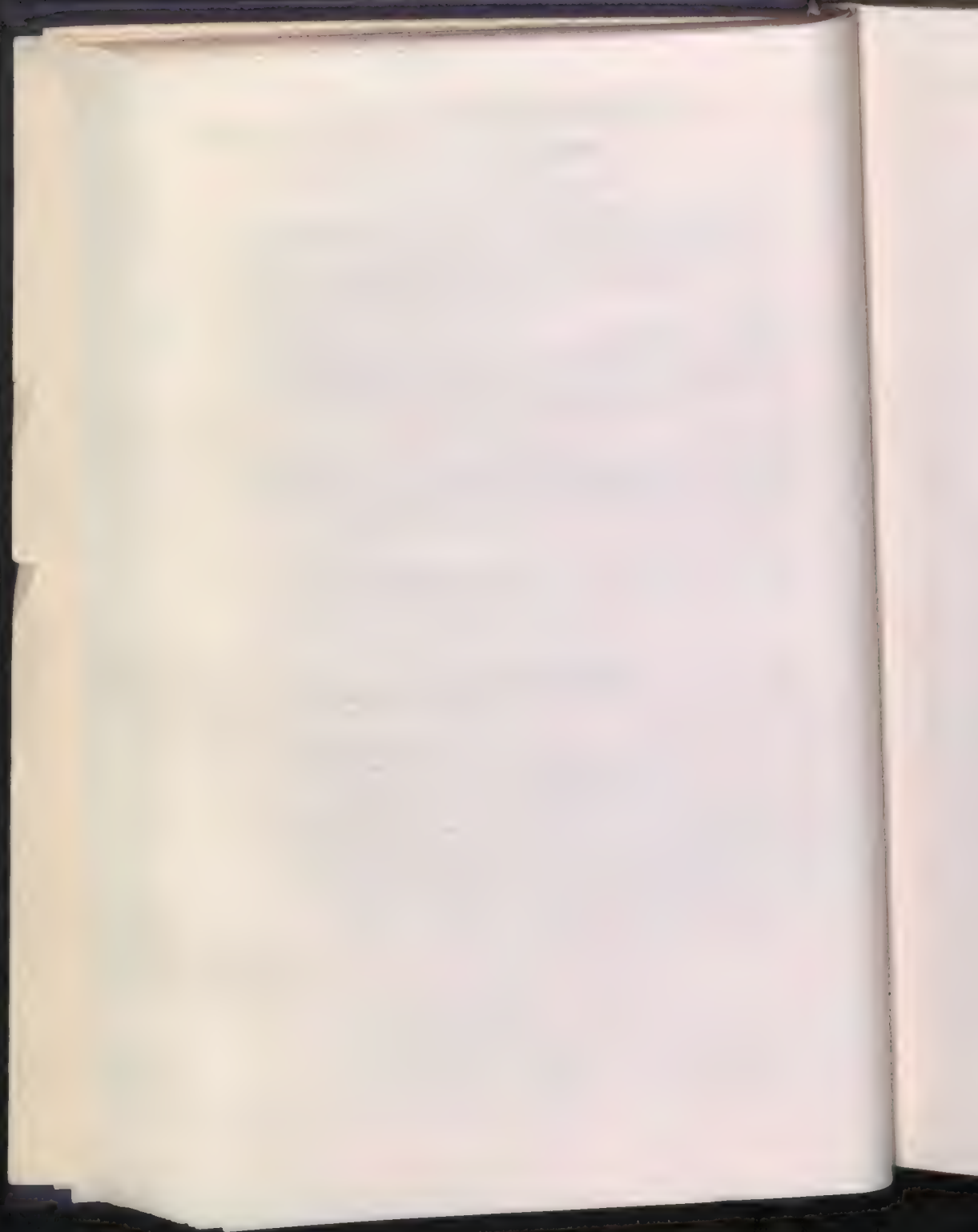
## SECOND SESSION

**Introduction to Zoology (4)** Hansen  
Continuation of Zoology 1. Material fee, \$4.50. Mon. through Thurs., 7:10 P.M.; laboratory: 8:10 to 10:00 P.M. (Room: C-308)

**Field Zoology (3)**  
Continuation of Zoology 5. Material fee, \$2.50. Mon., Wed., and Fri., 1:40 to 4:30 P.M. (Room: C-310)

**Comparative Vertebrate Anatomy (3)** Hansen  
Dissection of the cat. Material fee, \$6. Mon. and Wed., 6:10 to 9:00 P.M.; Tues. and Thurs., 6:10 to 8:00 P.M. (Room: C-310)

**Proseminar (3)** The Staff  
Continuation of Zoology 199. Hours to be arranged.



SCHEDULE OF COURSES



## SCHEDULE OF COURSES \*

## FIRST SESSION—Accelerated Program †

June 4–July 25

## MORNING CLASSES

7:10	8:10	9:10	10:10	11:10	12:10
Bus Adm 155 Econ 102x Hist 39	Hist 149 Psych 1A Sp 109	Chem 11..... (T through F) Chem 21..... (T through F) Chem 151 (MWF) lab TTh) Eng 1A Hist 163 Sp 1A		Bot 1..... (T through F)  Chem 151 (MWF) Econ 1A Eng 175	

\* Seminars and research courses for which hours are to be arranged will be found under the departmental announcements.  
 † Classes meet Monday through Friday unless otherwise indicated.

## AFTERNOON AND EVENING CLASSES

1:40 to 4:30	5:10	6:10	7:10	8:10
Zoo 5 (MWF)	Pol Sc 171	Bus Adm 51 Econ 1B Econ 146x Eng 1B Eng 91 Eng 151 Fr 1 Geo 1 Ger 1 Hist 71 Hist 162x Math 3 Math 19 Phil 1 Pol Sc 9 Psych 144x Psych 151 Sp 1B Sp 129 Stat 5 Zoo 137 (MTWTh) ...	Bus Adm 182x Econ 101 (MWF) ... Ed 109 (MWF) ... Ed 255 (MW) Ed 273 (Th)* Ed 285 (TTh) Eng 21B Eng 51 Eng 136x Fr 5 Ger 5 Math 6x Math 12x Phil 122x Pol Sc 10x Psych 1B Psych 146x (TTh)† Psych 214x (MW) ... Sp 5B Speech 1 Stat 101-2 ... Zoo 1 (M through Th) ...	(to 8:35) (to 8:50) Eng 184x Math 142x Pol Sc 117 Pol Sc 281 (TTh) Speech 109 (to 9:30) (to 9:30) (to 9:30) Zoo 1 lab (to 10) (MW to 9; TTh to 8)

\* For other hours, see the description of the course under the departmental announcement.

† Due to an error Psychology 146x is entered on page 40 as Psychology 148x.

## SECOND SESSION—Accelerated Program \*

July 26–September 14

## MORNING CLASSES

7:10	8:10	9:10	10:10	11:10	12:10
Bus Adm 102 Hist 40	Econ 2A Psych 2A Sp 110	Chem 12..... (T through F) Chem 22..... (T through F) Chem 152 (MWF) lab (TTh)..... Eng 2A Pol Sc 9x Psych 1x Sp 2A	..... ..... ..... ..... Eng 1xA Eng 72 Sp 6A	Bot 2..... (T through F) ..... ..... Chem 152 (MWF) Eng 178	..... ..... .....

\* Classes meet Monday through Friday unless otherwise indicated.



1:40 to 4:30	6:10	7:10	8:10
Zoo 6 (MWF)	Bus Adm 52 Econ 2B Econ 108 Eng 2B Eng 92 Eng 152 Fr 2 Geo 2 Ger 2 Hist 72 Hist 148 Math 6 Math 20 Phil 2 Pol Sc 10 Psych 116 Sp 2B Sp 130 Stat 100 Zoo 142 (MTWTh).....	Bus Adm 128 Econ 170 Ed 156 (MWF)..... Ed 231 (MW) Ed 271 (Th) Eng 11B Eng 52 Eng 162 Fr 6 Ger 6 Hist 174 Hist 182 Math 12 Math 19x Pol Sc 111x Psych 2B Psych 191x (MWF)..... Psych 230 (Th)..... Sp 6B Zoo 2 (M through Th).....	.....(to 8:50) .....(to 9:30) .....(to 9:30) Zoo 2 lab.....(to 10) .....(MW to 9; Th to 8)

## NON-ACCELERATED FIFTEEN-WEEK TERM \*

June 4-September 14

## DAYTIME CLASSES

10:10	11:10	Afternoon
Chem 12S (TTh)	Hist 191SA	Chem 12S lab (TTh 2:10-5) Phys 6SA (1:10 MF; lab 2:10-4 F)

## EVENING CLASSES

6:10	7:10	8:10	9:10
Phys 6SB (MF) Phys 7S (TTh) Phys 161S (TTh) Phys 232S (MWF)	Chem 252S (MWF) Sp 1S ..... (to 7:25)	Hist 191SB Phys 6SB lab (F) Phys 7S lab (T)	..... ..... ..... .....

\* Classes meet Monday, Wednesday, and Friday unless otherwise indicated.

## THE SCHOOL OF EDUCATION

## Special Six-Week Session—July 2–August 10

8:00 to 9:00 A.M.	9:10 to 10:10 A.M.	10:20 to 11:20 A.M.	11:30 A.M. to 12:30 P.M.
Ed 217 (M through F) (conference hrs: TTh 9 A.M.; W 10:10 A.M.)	Ed 228 (M through F) (conference hrs: MF 10:10 A.M.; W 8:10 A.M.)	Ed 272 (M through F) (conference hrs: TTh 9:20 A.M.; W 11:20 A.M.)	Ed 206 (M through F) (conference hrs: MF 10:30 A.M.; W 12:30 P.M.)



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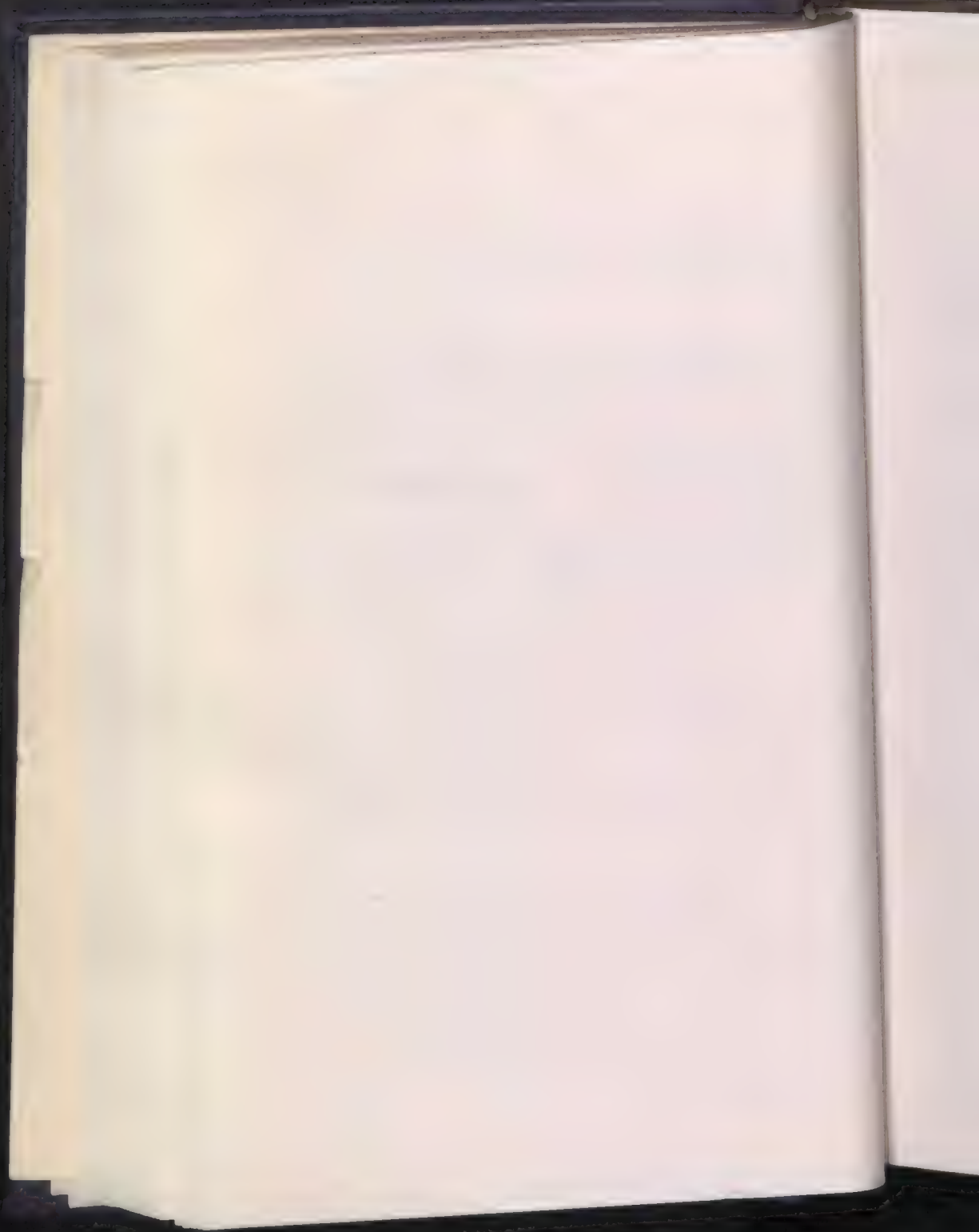
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of Admissions  
George Washington University  
Washington 6, D. C.

to study at The George Washington University.  
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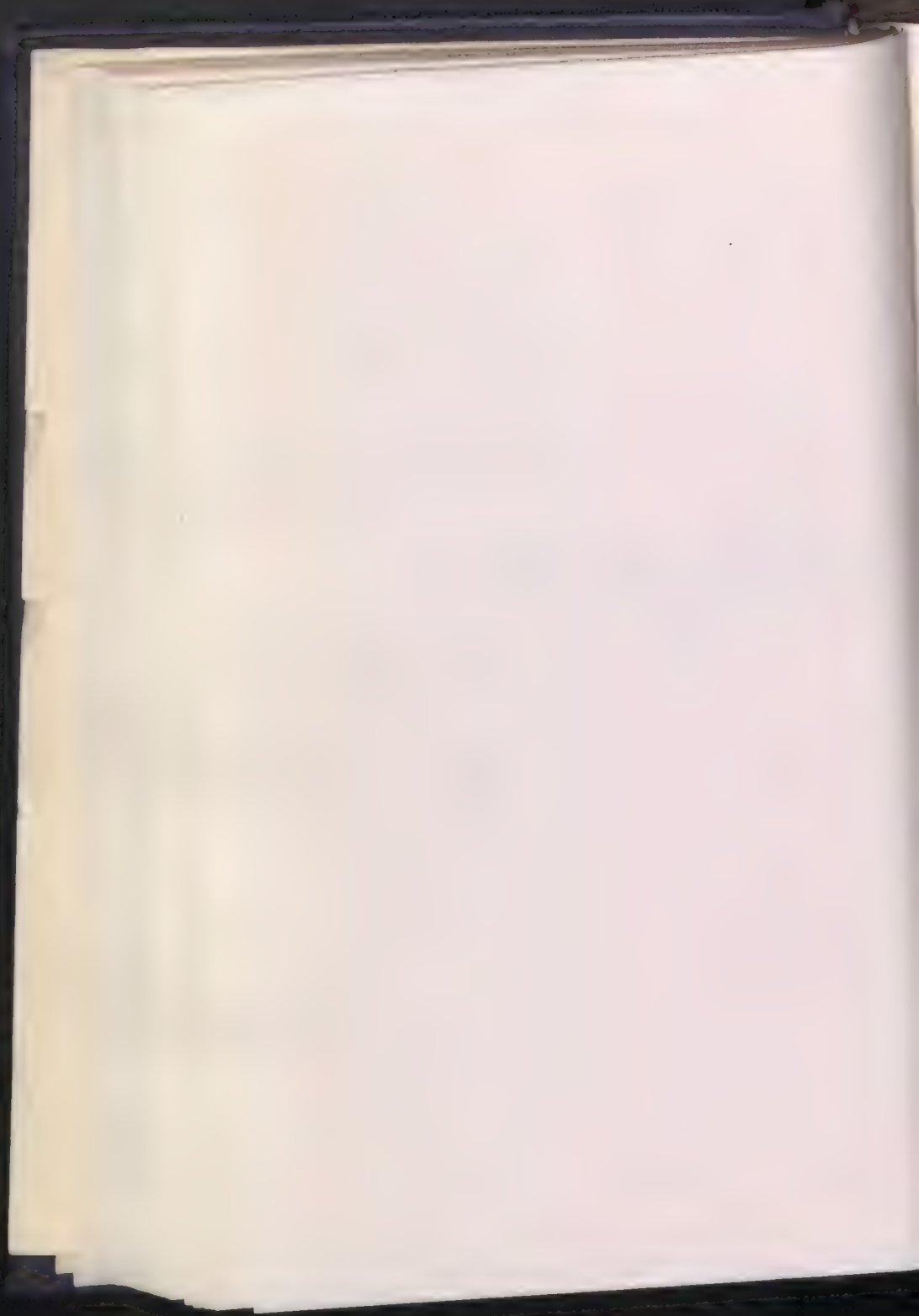
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- Application for Admission to the University (for new students)
  - Application for Readmission to the University (for former students who have not been in attendance during the term prior to this registration).
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THE LAW SCHOOL

1945-46





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WASHINGTON  
UNIVERSITY  
BULLETIN

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WASHINGTON, D. C.

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MCMXLV

BY THE UNIVERSITY





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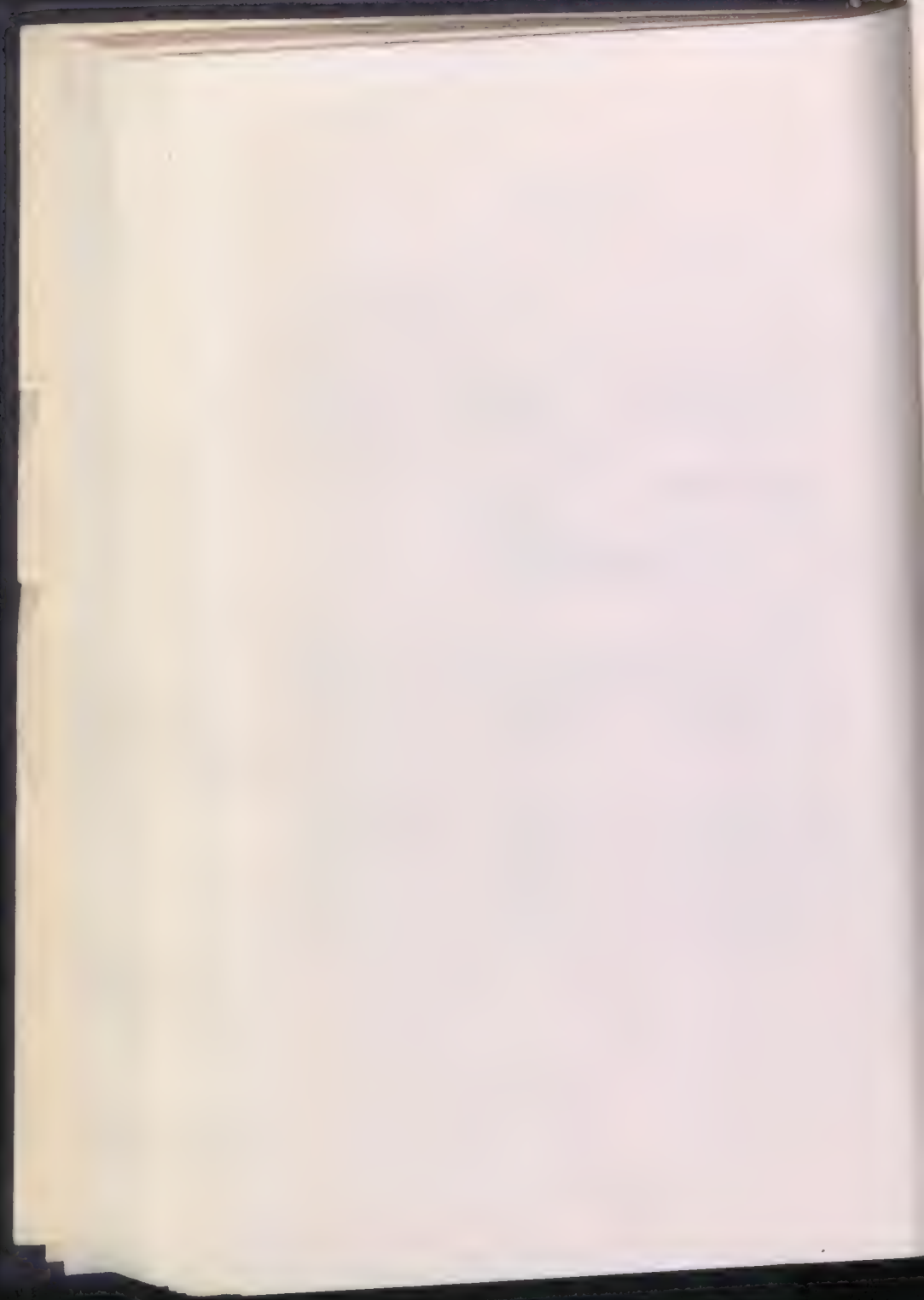
# CALENDAR

1945-46

Date	Day	Occasion
<b>1945</b>		
Fall Term:		Registration for the fall term
Sept. 28 and 29...	Friday and Saturday.	Fall term begins
Oct. 1.....	Monday .....	Thanksgiving Day. Holiday
Nov. 22.....	Thursday .....	
<b>1946</b>		
Dec. 24-Jan. 1....	Monday through Tuesday .....	Christmas recess Classes resume
Jan. 2.....	Wednesday .....	
Jan. 24-31.....	Thursday through Thursday .....	Final examinations
Jan. 30 and 31....	Wednesday and Thursday .....	Registration for the winter term
Winter Term:		
Feb. 1.....	Friday .....	Winter term begins
Feb. 22.....	Friday .....	Winter Convocation. Holiday
April 19 and 20....	Friday and Saturday.	Easter recess
May 17-25.....	Friday through Saturday .....	Final examinations
May 26.....	Sunday .....	Baccalaureate sermon
May 29.....	Wednesday .....	Commencement
Summer Term:		
June 3.....	Monday .....	First session begins
July 4.....	Thursday .....	Independence Day. Holiday
July 27.....	Saturday .....	First session ends
July 29.....	Monday .....	Second session begins
Sept. 2.....	Monday .....	Labor Day. Holiday
Sept. 21.....	Saturday .....	Second session ends
Sept. 30.....	Monday .....	Fall term 1946-47 begins

THE UNIVERSITY





## THE BOARD OF TRUSTEES

The Board of Trustees of the University is composed of the President of the University ex officio and the following persons by election:

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\*Alexander Wilbourne Weddell, LL.B., Litt.D., LL.D.

Chester Wells, B.S., Graduate United States Naval War College

Lloyd Bennett Wilson

\* Nominated by the alumni.

## OFFICERS OF ADMINISTRATION

### THE UNIVERSITY

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Harold Griffith Sutton, M.S., *Director of Admissions*  
Fred Everett Nessel, A.B., *Business Manager*  
John Russell Mason, B.S. in L.S., A.M., *Librarian; Curator of Art*  
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Ruth Harriet Atwell, A.M., *Director of Physical Education for Women*  
\*John Rust Busick, A.B., *Director of Athletics*  
Virginia Randolph Kirkbride, A.M., *Adviser on Women's Activities*

### THE LAW SCHOOL

William Cabell Van Vleck, A.B., LL.B., S.J.D., *Dean of the Law School*  
Anna Marie Bischoff, A.B., *Secretary to the Dean of the Law School*  
Ellis Earl Champlin, A.B., *Assistant Librarian in Charge of the Library*

\* On war leave 1945-46



# THE UNIVERSITY

## HISTORY AND ORGANIZATION

The idea of a university in the Capital of the Nation was sponsored by George Washington, who during his public life urged the establishment of such an institution and who in his will left fifty shares of stock in the Potomac (Canal) Company for the endowment of a university to be established in the District of Columbia "to which the youth of fortune and talents from all parts thereof might be sent for the completion of their Education in all the branches of polite literature;—in arts and Sciences,—in acquiring knowledge in the principles of Politics & good Government".

The George Washington University operates under a charter granted by an act of Congress of February 9, 1821, to Columbian College in the District of Columbia. In 1873 the name was changed to "Columbian University" and in 1904 to "The George Washington University".

The University as it is now organized consists of the Junior College, comprising the work of the freshman and sophomore years; Columbian College, the senior college of liberal arts, which offers work leading to the Bachelor's and Master's degrees; the Graduate Council, which offers work leading to the degree of Doctor of Philosophy; the professional schools, which include Medicine, Law, Engineering, Pharmacy, Education, and Government; the Division of University Students; the Division of Special Students; the Division of Extension; the Inter-American Center; and the Summer Sessions.

## ACADEMIC STATUS

The George Washington University is on the approved list of the Association of American Universities, the standard accrediting body for the United States. This fact not only assures to students the academic standards of this accrediting body, but also is important to those who desire to transfer credits from one institution to another.

The University is also accredited by its regional accrediting agency, the Middle States Association of Colleges and Secondary Schools, and is on the approved list of the American Association of University Women.

The Law School is a charter member of the Association of American Law Schools and is approved by the Council of Legal Education of the American Bar Association.

#### LOCATION

The George Washington University is in downtown Washington, four blocks west of the White House and east of the Potomac River with its extensive parkway. Within a few blocks are the buildings housing the offices of many of the departments of the Government, including the Department of State, the Department of the Treasury, the Department of War, the Department of Justice, the Department of the Navy, the Department of the Interior, the Department of Agriculture, the Department of Commerce, and the Department of Labor. The Corcoran Gallery of Art, the Pan American Union Building, and the National Academy of Sciences are also near by; and the Capitol and the Library of Congress are readily accessible.

THE LAW SCHOOL





# THE LAW SCHOOL

## THE FACULTY

### CLOYD HECK MARVIN

*President of the University*

A.B. 1915, A.M. 1916, University of Southern California; A.M. 1917, Ph.D. 1919, Harvard University; LL.D. 1923, University of New Mexico. Instructor 1914-15, University of Southern California; Assistant Professor 1919-20, Associate Professor of Commerce, Assistant Director, and Dean 1920-22, University of California at Los Angeles; Professor of Economics, President 1922-27, University of Arizona. President 1927-, The George Washington University.

### WILLIAM CABELL VAN VLECK

*Professor of Law; Dean of the Law School*

A.B. 1908, LL.B. 1911, The George Washington University; S.J.D. 1921, Harvard University. Member Summer Sessions Faculty 1924 and 1929 at University of Michigan, 1927 at Stanford University, 1934 at University of Chicago; one of the Advisers to the Reporter on Conflict of Laws 1926-34, American Law Institute; Research Fellow 1930-31, Harvard University Law School; Instructor in Law 1912-16, Assistant Professor of Law 1916-19, Professor of Law 1919-. Secretary of the Law School 1912-20, Acting Dean of the Law School 1923-24, Dean of the Law School 1924-, The George Washington University.

Subjects: Conflict of Laws, Torts

### WALTER COLLINS CLEPHANE

*Professor Emeritus of Law*

LL.B. 1889, LL.M. 1890, LL.D. 1933, The George Washington University. Member 1899-, Committee on Admissions and Grievances, District Court of the United States for the District of Columbia; Member 1906-, Conference of Commissioners on Uniform State Laws. In Practice of Law 1889-, now Member of Clephane, Latimer and Hall, Washington (D. C.); Instructor in Moot Court 1899-1900, Professor of Law 1900-36, Professor Emeritus of Law 1936-, The George Washington University.

### WENDELL PHILLIPS STAFFORD

*Professor Emeritus of Law*

LL.B. 1883, Boston University; A.M. 1901, Dartmouth College; LL.D. 1905, Litt.D. 1929, University of Vermont; LL.D. 1906, Georgetown University; Litt.D. 1910, Middlebury College; Litt.D. 1916, The George Washington University. Judge 1900-1904, Supreme Court of Vermont; Associate Justice 1904-31, Supreme Court of the District of Columbia; Lecturer on Agency 1904-6, Georgetown University; Professor of Law 1908-29, Professor Emeritus of Law 1929-, The George Washington University.

### JOHN WILMER LATIMER

*Professor Emeritus of Law*

LL.B. 1897, The George Washington University. In Practice of Law 1906-13, 1917-; Judge 1913-17, Juvenile Court of the District of Columbia; Member 1918-, Clephane, Latimer and Hall, Washington (D. C.); Clerk of the Moot Court 1904-7, Instructor in Law 1908-9, Assistant Professor of Law 1910-13, Professor of Law 1913-42, Professor Emeritus of Law 1942-, The George Washington University.

### GILBERT LEWIS HALL

*Professor Emeritus of Law*

A.B. 1899, Swarthmore College; LL.B. 1918, The George Washington University. Teacher and Division Superintendent of Schools 1901-10, P. I.; with U. S. Indian Service 1912-18; in Practice of Law with Clephane and Latimer, Washington (D. C.) 1918-36; Member 1936-, Clephane, Latimer and Hall, Washington (D. C.); Lecturer in Law 1920-38, Adjunct Professor of Law 1938-42, Professor Emeritus of Law 1942-, The George Washington University.

**WALTER LEWIS MOLL***Professor Emeritus of Law*

A.B. 1898, Concordia College (Ind.); Graduate 1899, Concordia Theological Seminary (St. Louis); LL.B. 1921, Indiana University; S.J.D. 1924, Harvard University; University Scholar 1902-3, University Fellow 1903-4, Johns Hopkins University; Professor of English 1904-9, Professor of Greek 1909-20, Concordia College (Ind.); in Practice of Law with Olds & Thomas, Fort Wayne (Ind.) 1920-22; Instructor in Commercial Law 1920-21, Instructor in Law 1921-23, Indiana University; Professor of Law 1924-43, Professor Emeritus of Law 1943-, The George Washington University.

**CHARLES SAGER COLLIER***Professor of Law*

A.B. 1911, LL.B. 1915, S.J.D. 1932, Harvard University. In Practice of Law with Round Schurman and Dwight (later Hughes, Schurman and Dwight), New York City 1915-19; Member Staff 1918-19, Cornell University Law School; Ezra Ripley Thayer Teaching Fellow 1921-32, Harvard University Law School; Member Faculty, Second Semester 1915-36, University of Wisconsin Law School; Assistant Professor of Law 1918-21, Acting Dean of the Law School 1930-31, Professor of Law 1921-, The George Washington University.

Subjects: Administrative Law, Constitutional Law, Jurisprudence, Public Utilities, Taxation, Trusts.

**HECTOR GALLOWAY SPAULDING***Professor of Law*

B.S. 1900, University of Minnesota; LL.B. 1903, S.J.D. 1924, Harvard University; Assistant Professor of Law 1914-15, Stanford University; in Practice of Law with Ritchie, Woodford, Bovee and Butcher, New York City; with Cassoday, Butler, Lamb and Fox, Chicago; Assistant Professor of Law 1920-22, Professor of Law 1922-, The George Washington University.

Subjects: Business Associations, Contracts, Equity, Property

**\*WILLIAM THOMAS FRYER***Professor of Law*

A.B. 1922, LL.B. 1924, The George Washington University; J.D. 1925, Yale University; in Practice of Law with William Pepper Constable, Baltimore (Md.) 1924-26; Assistant Professor of Law 1926-29, Associate Professor of Law 1929-40; Professor of Law 1940-, The George Washington University.

Captain, United States Marine Corps Reserve

**SAUL CHESTERFIELD OPPENHEIM***Professor of Law; Editor-in-Chief of the Law Review*

A.B. 1918, A.M. 1920, Columbia University; J.D. 1926, S.J.D. 1929, University of Michigan. Instructor in Economics 1921-26, Teaching and Research Assistant to Dean Law School 1926-27, University of Michigan; Assistant Professor of Law 1927-30, Associate Professor of Law 1930-40, Professor of Law 1940-, The George Washington University.

Subjects: Negotiable Instruments, Sales, Trade Regulation

**\*CARVILLE DICKINSON BENSON***Professor of Law*

A.B. 1920, Johns Hopkins University; LL.B. 1923, S.J.D. 1926, Harvard University; in Practice of Law with Benson, Nock & Rowe, Baltimore (Md.) 1923-25; Assistant Professor of Law 1926-29, Emory University; Assistant Professor of Law 1929-33, Associate Professor of Law 1933-43, Professor of Law 1943-, The George Washington University.

Lieutenant Commander, United States Naval Reserve

**\*JAMES FORRESTER DAVISON***Professor of Law*

A.B. 1921, LL.B. 1923, Dalhousie University; LL.M. 1924, S.J.D. 1929, Harvard University. Lecturer in Roman Law and Jurisprudence, 1924-28, Assistant Professor of Roman Law and Jurisprudence 1928-29, University of Toronto; Brandeis Research Fellow 1928-29, Research Fellow 1929-30, Harvard University; Assistant Professor of Law 1930-36, Associate Professor of Law 1936-45, Professor of Law 1945-, The George Washington University.

Assistant Solicitor, War Production Board

\* On war leave 1945-46



\*LOYD HALL SUTTON

*Adjunct Professor of Law*

B.S. 1908, Massachusetts Institute of Technology; LL.B. 1913, The George Washington University. Assistant Instructor in Engineering 1908-9, Massachusetts Institute of Technology; Assistant Examiner 1909-16, U. S. Patent Office; in Practice of Law 1916-; Member 1927-, Cameron, Kerkam & Sutton; Instructor 1914-17, Associate Professor 1917-35, Adjunct Professor of Law 1935-, The George Washington University.

Subject: Patent Law

\*SPENCER GORDON

*Adjunct Professor of Law*

A.B. 1909, Princeton University; LL.B. 1912, The George Washington University. In Practice of Law 1912-, Washington (D. C.) and Chicago; Member Covington, Burling, Rublee, Acheson and Shorb, Washington (D. C.); Lecturer in Law 1922-25, Adjunct Professor of Law and Judge of the Moot Court 1936-, The George Washington University.

Subject: Moot Court

\*CONWAY PEYTON COE

*Adjunct Professor of Law*

A.B. 1918, Randolph-Macon College; LL.B. 1922, The George Washington University. Assistant Examiner 1918-23, U. S. Patent Office; in Practice of Law 1924-34; U. S. Commissioner of Patents 1933-; Adjunct Professor of Law 1937-, The George Washington University.

Subject: Patent Moot Court

LEVI RUSSELL ALDEN

*Adjunct Professor of Law*

A.B. 1903, A.M. 1904, LL.B. 1906, The George Washington University. A.M. 1907, Harvard University. In Practice of Law 1908-, Washington (D. C.); Assistant in History 1903-4, Instructor in History 1904-6, Assistant Professor of History 1911-20, Assistant Professor of Commercial Law 1913-22, Professor of Commercial Law 1922-28, Lecturer on Admiralty 1920-38, Adjunct Professor of Law 1938-, The George Washington University.

Subject: Admiralty

\*GEORGE BOWDOIN CRAIGHILL

*Adjunct Professor of Law*

A.B. 1903, University of the South; LL.B. 1906, Georgetown University. Member McKenney, Flannery and Craighill; Lecturer 1914-24, Washington College of Law; Adjunct Professor of Law 1939-, The George Washington University.

Subject: Moot Court

\*JAMES WARD MORRIS

*Adjunct Professor of Law*

A.B. 1912, University of North Carolina. In Practice of Law 1913-33; Special Assistant to the Attorney General 1933-34; Assistant Attorney General of the United States 1935-39; Associate Justice 1939-, United States District Court for the District of Columbia; Adjunct Professor of Law 1939-, The George Washington University.

Subject: Moot Court

\*JAMES OLIVER MURDOCK

*Adjunct Professor of Law*

Ph.B. 1916, University of Chicago; LL.B. 1924, Harvard University. Student, Summer 1923, Academy of International Law at The Hague. In Practice of Law with Cadwallader, Wickersham and Taft 1924-25, New York City; Assistant U. S. Attorney 1925-27, Southern District of N. Y.; Assistant Solicitor and Assistant Legal Adviser 1927-36, U. S. Dept. State; Counsel for the United States 1929-33, International Joint Commission, of American States-Canada; Secretary to American Delegation 1928-29, International Conference of American States on Conciliation and Arbitration; Counsel for United States 1932, 1930-, The George Washington University.

Subjects: Comparative Law, International Law

\* The title "Adjunct Professor" indicates that the faculty member is of full professorial rank, but carries only a limited schedule of instruction and is primarily engaged in the active administration or practice of law on the bench or before the bar.

## THOMAS ARMITAGE LARREMORE

*Visiting Professor of Law*

A.B. 1911, Yale University; LL.B. 1916, A.M. 1922, Columbia University; B. Mus. 1911, Syracuse University; M. Sac. Mus. 1912, Union Theological Seminary. Instructor in Law 1916-19, Stanford University; Professor of Law 1919-21, University of Oregon; 1921-22, Tulane University; 1922-29, University of Kansas; Visiting Professor of Law 1928-29, University of Pennsylvania; 1932-33, Washburn College; Dean and Professor of Law 1933-34, Hartford College of Law; Visiting Professor of Law 1922, summer sessions, Columbia University; 1932, University of Colorado; 1938-39, 1944-45, The George Washington University.

Subjects: Property I, Evidence, Civil Procedure, Labor Law, Domestic Relations

## WHILTEY P. MCCOY

*Visiting Professor of Law (1945 summer term)*

A.B. 1916, Dartmouth College; LL.B. 1921, The George Washington University. Practice of Law with Chilton & McCoy, Montgomery (Ala.) 1924-25; with Shackelford & Brown, Tampa (Fla.) 1925-26; Associate Professor of Law 1921-22, University of Alabama; Assistant Professor of Law 1922-23, University of South Dakota; Assistant Professor of Law 1923-24, The George Washington University; Professor of Law 1924-25, University of Alabama.

Subject: Agency

## JOHN SENTMAN STRAHORN, JR.

*Visiting Professor of Law (1945 summer term)*

A.B. 1922, St. John's College; LL.B. 1925, Washington and Lee University; S.J.D. 1926, Harvard University; J.S.D. 1931, Yale University. In Practice of Law (summer) with John S. Strahorn, Sr., Annapolis (Md.); Instructor in Law 1926-27, University of Arkansas; Assistant Professor of Law 1927-28, Associate Professor of Law 1928-29, Sterling Research Fellow 1930-31, Yale University; Associate Professor of Law 1931-32, Professor of Law 1932-33, University of Maryland.

Subject: Evidence

## JAMES ROBERT WILSON

*Professorial Lecturer in Law*

A.B. 1928, J.D. 1930, University of Iowa; J.S.D. 1934, Columbia University. Practice of Law with Grimm, Elliott, Shortleworth & Ingersoll, Cedar Rapids (Ia.) 1934-36; Associate Professor of Law 1938-39, Professor of Law 1939-40, John B. Stetson University; Visiting Professor of Law 1941-42, University of Pittsburgh.

Subject: Property III

## \*JOHN ALBERT MCINTIRE

*Associate Professor of Law*

A.B. 1928, Wittenberg College; LL.B. 1931, University of Cincinnati; Research Fellow 1935-36, Harvard University Law School; Editor 1937-38, *Municipal Law Journal*; Executive Director 1938-39, National Institute of Municipal Law Officers; Faculty Editor-in-Chief 1932-42, *The George Washington Law Review*; Instructor in Law 1931-32, Assistant Professor of Law 1933-38, Associate Professor of Law 1938-39, The George Washington University.

Lieutenant Commander, United States Naval Reserve

## \*WILLIAM RANDALL COMPTON

*Associate Professor of Law*

LL.B. 1928, Union University (N. Y.); M.B.A. 1931, Harvard University; J.S.D. 1931, Cornell University. Clerk to Committee on Labor and Industry 1925-28, New York State Senate; Dean and Professor of Business Administration 1931-32, Green Mountain College; in Practice of Law with McDowell and McDowell 1933-35, Elmira (N. Y.); Assistant Professor of Law 1935-40, Associate Professor of Law 1940-41, The George Washington University.

Lieutenant Colonel, Army of the United States

## \*CHESTER CHARLES WARD

*Associate Professor of Law*

B.S. 1931, Georgetown University; LL.B. 1935, LL.M. 1936, The George Washington University. Legal Editor 1933-35, *U. S. Law Week*; Associate Editor 1937-38, *Relations Reporter*; Instructor in Law 1935-37, Assistant Professor of Law 1937-38, Associate Professor of Law 1940-41, The George Washington University.

Commander, United States Naval Reserve

\* On war leave 1945-46.

\*CLARENCE ALTHA MILLER

*Lecturer in Law*

LL.B. 1919, LL.M. 1921, The George Washington University. General Counsel, The American Short Line Railroad Association; Lecturer in Law 1923-. The George Washington University.

Subject: Interstate Commerce Law and Procedure

JAMES ROBERT KIRKLAND

*Lecturer in Law*

A.B. 1927, LL.B. 1928, LL.M. 1929, The George Washington University. Assistant U. S. Attorney for the District of Columbia 1929-34; Member 1938-, Cromelin, Townsend, Camalier and Kirkland, Washington (D. C.); Lecturer in Law 1934-, The George Washington University.

Subject: Criminal Law

‡JAMES ALBERT PIKE

*Lecturer in Law*

A.B. 1934, LL.B. 1936, University of Southern California; J.S.D. 1938, Yale University. Sterling Fellow 1936-37, Yale University; Legal Assistant 1937, American Law Institute; Lecturer in Law 1938-39, Catholic University of America; Attorney 1938-, U. S. Securities and Exchange Commission; Lecturer in Law 1939-, The George Washington University.

Lieutenant, United States Naval Reserve

WILLIAM LEIGH ELLIS

*Lecturer in Law*

A.B. 1929, Hillsdale College; LL.B. 1933, LL.M. 1936, The George Washington University. Special Claims Examiner 1936-38, U. S. General Accounting Office; Attorney 1938-42, Principal Attorney 1942-, Office of the Comptroller General of the United States. Lecturer in Law 1942-, The George Washington University.

Subject: Municipal Corporations

JUSTIN LINCOLN EDGERTON

*Lecturer in Law; Clerk of the Moot Court*

A.B. 1929, LL.B. 1931, The George Washington University. In Practice of Law 1933-39, with Frank F. Nesbit, Washington (D. C.); Member 1939-, Nesbit, Pledger and Edgerton, Washington (D. C.); Clerk of the Moot Court 1936-, Associate in Law 1936-43, Lecturer in Law 1943-, The George Washington University.

Subject: Moot Court

JAY WESLEY MURPHY

*Lecturer in Law (1945 summer term)*

A.B. 1933, University of Illinois; J.D. 1943, LL.M. 1944, The George Washington University.

Subject: Judicial Process

THE DEAN'S COUNCIL §

Charles Sager Collier

Saul Chesterfield Oppenheim

Hector Galloway Spaulding

Thomas Armitage Larremore

GENERAL INFORMATION

INTRODUCTORY

The George Washington University Law School, established in 1826, discontinued and reorganized in 1865, is the oldest law school in the District of Columbia. Its course of instruction is planned to fit its

\* On leave of absence 1945-46.

‡ On war leave 1945-46.

§ The President of the University and the Dean of the Law School are ex officio members of the council



graduates for the practice of law in any of the states of the United States. It is also designed to prepare students for public service as lawyers in the Federal Government or the governments of the states. In 1900 the School took part in the organization of the Association of American Law Schools and it has been a member of the Association since that time. The School is approved by the Council of Legal Education of the American Bar Association.

#### ORGANIZATION OF THE ACADEMIC YEAR

The work of the year is organized into three terms known as the fall term, winter term, and summer term. The work undertaken in any one term may be completed by the end of that term. The summer term constitutes a full term of sixteen weeks. It is divided into two sessions so that work undertaken during one session may be completed during that session.

#### THE LIBRARY

The Law Library of 25,000 volumes contains the official reports of the decisions of the courts of last resort of all the states prior to the National Reporter System and of fourteen states complete to date; the National Reporter System, complete; the reports of the United States Supreme Court and lower federal courts, and the reports of federal administrative agencies; Shepard's Citations for the United States Reporter System; the English Reprint and English Law Reports; the United States Statutes; the United States Code, Annotated, and the Federal Code, Annotated; reasonably complete sets of statutes of all the states; the English statutes; the principal English and American digests and encyclopedias; collections of special reports and annotated cases; and the leading textbooks, casebooks, and legal periodicals.

The Library is open from 9:00 A.M. to 10:00 P.M. each class day (Saturday, 9:00 A.M. to 1:00 P.M.), and from 2:00 to 6:00 P.M. on Sunday.

#### THE LAW REVIEW

*The George Washington Law Review*, published by the University, is edited by the Faculty and students of the Law School. It is devoted exclusively to state and federal public law. The location of the University in the National Capital, where the primary sources of federal public law may be observed in operation, affords an unexcelled opportunity for specialization in this field.

The *Review* is edited by a faculty editor-in-chief, a faculty board of associate editors, a board of departmental advisory editors, and a board of student editors. The student editors are chosen each year on the basis of scholarship.

## RESEARCH IN PUBLIC LAW

Washington, the capital of the Nation, furnishes unsurpassed advantages for research in the fields of public law. In it are the offices of the major executive departments, the Congress, the Supreme Court of the United States, and four lower federal courts. In the executive departments and among the many independent establishments of the Federal Government there have been estimated to be between seventy-five and one hundred agencies, the activities of which involve the various branches of public law, particularly administrative law. The student of public law can study at first hand the work of these administrative agencies. He also has available as sources for investigation their records of administrative adjudications.

Research in public law will be conducted under the supervision of members of the faculty. The purpose of this research is to furnish means for training specialists in public law, either as government lawyers or as lawyers representing individuals or corporations in cases in which the Government is a party, and to assist in the analysis, clarification, formulation, and improvement of public law, substantive and procedural.

Candidates for the graduate degrees in the Law School and seniors who are candidates for the degree of Juris Doctor are eligible to pursue this work. Other students may be admitted with the special permission of the professor in charge.

## THE STUDENT BAR ASSOCIATION

Every student in the Law School is required to be a member of the Student Bar Association. This is organized to enable the student to become better acquainted with problems of the profession, to develop better professional ideals, and to bring about closer contact with members of the profession engaged in active practice of the law.

The work of the Student Bar Association is carried on by various committees and by group and general meetings of a professional and social nature. From time to time lectures are given by outstanding authorities on legal and professional problems.

Each member of the Student Bar Association receives a subscription to *The George Washington Law Review*.

## PRACTICE AND PRACTICE COURT

The curriculum is planned to include such training in the fundamentals of practice as is feasible in a law school. Classroom instruction is conducted in the theories of pleading and procedure, trial and appellate practice, and evidence. This instruction includes grounding in the principles of the new Federal Rules of Civil Procedure. In addition

each senior student is required to participate in the work of the practice or Moot Court. This includes trying a specified number of cases, both as a senior counsel and junior counsel. For students who are planning to practice patent law, a special section of the court is devoted exclusively to the trial of patent cases.

#### ORDER OF THE COIF

The Order of the Coif, a national honor society with chapters in thirty-seven law schools, aims "to foster a spirit of careful study and to mark in a fitting manner those who have attained a high grade of scholarship". The George Washington University Chapter was established in 1926. Members are elected each year from the highest-ranking 10 per cent of the graduating class of the Law School.

#### ADMISSION

##### APPLICATION FOR ADMISSION

An applicant for admission must obtain from the Office of the Director of Admissions an application blank which he must fill out completely and return.

A recent photograph, with signature, of the applicant must be attached to the blank.

To insure prompt action, applications should be filed not later than July 1 for the fall term, January 1 for the winter term, and May 1 for the summer term.

The applicant must request the registrar of each higher institution previously attended to mail directly to the Office of the Director of Admissions the transcript of his record, even though credits were earned, together with an honorable dismissal from the institution attended. The student must be in good standing as to scholarship, conduct, and must be eligible to return to the previously attended institution in the term for which he or she seeks admission to The George Washington University.

##### For the Degrees in the Professional Course

*Bachelor of Laws.*—Men and women will be admitted as candidates for this degree provided there have been filed in the Office of Admissions official transcripts of record showing the satisfactory completion of not less than two years of college work which is defined as completion of the four-year course of study acceptable for a bachelor's degree at an approved college or university. Students in The George Washington University preparing for admission to the Law School must satisfactorily the requirements for the Associate in Arts degree at the Junior College or attain full junior standing in the School of Education of this University. The Junior College curricula in physical education and



and home economics are not acceptable for this purpose. This requirement has been adopted for the period of the present national emergency.

*Juris Doctor.*—The degree of Bachelor of Arts or the equivalent from an approved college or university is required.

#### ADVANCED STANDING

Advanced standing toward the degree of Bachelor of Laws may be granted for work successfully completed in other law schools which are members of the Association of American Law Schools.

Applicants for admission with advanced standing must file certified transcripts of record showing high school, college, and law credits. The right is reserved to refuse such credit, in whole or in part, or to allow it conditionally or after examination, and credit given may be withdrawn for subsequent poor work. No student admitted with advanced standing will be recommended for the degree of Bachelor of Laws until he has completed in this School at least one full year of residence and passed successfully twenty-eight credit hours with the required average for the degree. No student will be admitted who has been in attendance at another law school and who is ineligible, because of poor scholarship, to return to that school.

Students planning to attend summer school sessions at other law schools and desiring to use credits obtained at such schools in their course at this Law School must first have the courses they wish to take approved by the Dean. In no event will credits be recognized in excess of those which might be obtained in a similar period in this School.

Advanced standing toward the degree of Juris Doctor for work in other law schools will not be granted.

#### For the Degrees in the Graduate Course

*Master of Laws.*—Applicants must show the satisfactory completion of not less than two years of college work in an approved college or university and must have received the degree of Bachelor of Laws, or an equivalent degree, from an approved law school.

*Doctor of Juridical Science.*—The following are required: (1) the degree of Juris Doctor from this Law School; or (2) the degree of Bachelor of Arts from an approved college, the degree of Bachelor of Laws or the equivalent, earned with high rank, from an approved law school, outstanding capacity for scholarly work in the field of law, and acceptance as a candidate by the Dean's Council of the Law School.

#### Unclassified Students

A person eligible for admission to regular standing but not a candidate for a degree may, at the discretion of the Dean, be admitted as an unclassified student.

A person who is in good standing as a candidate for a degree in another approved law school may, at the discretion of the Dean, be admitted as an unclassified student. Work taken by an unclassified student will not be accepted for credit toward a degree at this Law School.

### REGISTRATION

Before attending classes each student must present himself in person for registration. No student will be registered in the Law School until proper credentials have been filed and approved (see "Admission", above).

Registration is for the term or session only.

A late-registration fee of \$5 will be charged each student who is permitted to register after the regular registration days.

Registration may be changed only with the permission of the Dean.

### FEES AND FINANCIAL REGULATIONS

University fee, for each term or for any part thereof.....	\$8.00
For each session of the summer term or any part thereof.....	4.00
Tuition fee, for each credit hour.....	8.00
For the degree of Doctor of Juridical Science:	
For work leading to and including the final examinations.....	240.00
Student Bar Association fee, for each term, or any part thereof except the summer term.....	2.00
Graduation fee.....	20.00
Fee for special examinations, for each subject.....	5.00
Late-registration fee, charged each student who fails to register within the designated period.....	5.00
Service fee for late payment of tuition, see "Payment of Fees".....	5.00
Reinstatement fee, charged each student who is reinstated after being suspended for delinquency in fees.....	5.00
Fee for printing and filing summary of doctoral thesis.....	5.00

### UNIVERSITY FEE

Payment of the University fee covers all of the expenses incident to registration and, in addition, secures the following University privileges: (1) the issuance of three certified transcripts of record, if and where desired; (2) the services of the Placement Office; (3) the use of University library facilities, except as otherwise designated; (4) gymnasium privileges; (5) admission to all athletic contests, unless otherwise specified; (6) subscription to the *University Hatchet*, the student newspaper; (7) admission to University debates; (8) medical attention and hospital services as described under "Health Administration", pages 23-24. These privileges, however, with the exception of the issuance of transcripts, terminate, and a student is no longer in residence, when he withdraws or is dropped from the University.



## PAYMENT OF FEES

All fees are payable at the Office of the Cashier, 725 Twenty-first Street NW. No student is permitted to complete registration or to attend classes until all fees are paid. Fees for each term are due and payable in advance at the time of registration.

Subject to the approval of the Comptroller, a student may sign a contract for term charges, except for the University fee and other fees payable in advance, permitting payments as follows:

*Fall Term.*—One third at the time of registration, plus the University fee and deposits; one third on November 5; one third on December 3.

*Winter Term.*—One third at the time of registration, plus the University fee and deposits; one third on March 4; one third on April 3.

A student who fails to meet payments when due but who pays his fees on or before the tenth day of the month in which payment is due is charged a service fee of \$1. A student who fails to meet payments by the tenth day of the month in which payment is due will be suspended and may not attend classes until he has been officially reinstated and has paid all accrued fees and a reinstatement fee of \$5. A suspended student may not be reinstated for the term after two weeks from the date of suspension. Applications for reinstatement are to be made to the Dean.

## WITHDRAWALS AND REFUNDS

Application for withdrawal from the University or for change in class schedule must be made in person or in writing to the Dean. Notification to an instructor is not an acceptable notice.

In authorized withdrawals and changes in schedules, financial adjustments will be made as follows:

*Fall Term.*—Withdrawal dated on or before October 31, cancellation of the second and third payments; withdrawal dated on or before November 30, cancellation of the third payment. No refund or reduction will be allowed on a withdrawal dated subsequent to November 30.

*Winter Term.*—Withdrawal dated on or before February 28, cancellation of the second and third payments; withdrawal dated on or before April 1, cancellation of the third payment. No refund or reduction will be allowed on a withdrawal dated subsequent to April 1.

In no case will the University fee or any part of an initial payment of fees be refunded, and in no case will tuition be reduced or refunded because of nonattendance upon classes.

Payment applies only to the term for which a registration charge is incurred and in no case will this payment be credited to another term.

A student granted "war leave" during the term will be credited with tuition payments made prior to the granting of such leave, which credit will be applicable toward a subsequent registration.

Authorization to withdraw and certification for work done will not be given a student who has not a clear financial record.



## SCHOLARSHIPS, PRIZES, LOAN FUNDS

*Charles Worthington Dorsey Memorial Scholarship.*—This scholarship, established as a memorial to Charles Worthington Dorsey, Bachelor of Laws '81, Master of Laws '82, is awarded upon the recommendation of the Faculty of the Law School to a needy and promising graduate of Columbian College or other division of the University, with a Bachelor of Arts or other equivalent degree, who has maintained an average of B as an undergraduate student and who desires to pursue the study of law as a full-time student. The scholarship covers tuition for the course leading to the first degree from the Law School, Bachelor of Laws or Juris Doctor, provided that the holder maintains an average of B. The right is reserved to suspend the benefits of the scholarship for cause at any time. The scholarship is awarded ordinarily once every three years.

All other scholarships are administered by the University Committee on Student Loans and Scholarships. Application should be made to the Registrar of the University.

The following prizes are awarded annually in the Law School:

*Ellsworth Prize.*—The Ellsworth Prize of \$25, established by the late Mr. Fritz von Briesen, is awarded to the student doing the best work in the subject of Patent Law Practice.

*John Bell Larner Prize.*—This prize, established by the bequest of John Bell Larner, consists of a medal which is awarded annually to the member of the graduating class in the Law School who attains the highest average grade in the entire course for the degree of Bachelor of Laws.

*John Ordronaux Prizes.*—These prizes were established in 1909 by the bequest of John Ordronaux. The amount of \$35 is awarded annually to the student in the Law School who has attained the highest average grade in the first-year, full-time, regular course; and \$35 to the student who has attained the highest average grade in the second-year, full-time, regular course.

Through the generosity of friends of the University a number of loan funds are available to students in the Law School. Among them is the Henry Strong-William A. Maury Loan Fund established by the Henry Strong Educational Foundation in memory of Henry Strong and William A. Maury. Application for loans should be made to the Comptroller of the University.

## REGULATIONS

*Students in the Law School are subject to, and are expected to familiarize themselves with, the general University regulations stated in the University Catalogue.*

## HOURS OF INSTRUCTION

Students without substantial outside employment may take a full-program of studies as follows: first-year students, fourteen hours a week.

in forenoon classes; second-year students, eight hours a week in the forenoon and six hours a week in the evening classes; third-year students, eight hours a week in the forenoon and four hours a week in the evening classes.

#### ATTENDANCE

Regular attendance on classes is required and is necessary for successful work. A student who is deficient in class attendance in any subject may, by action of the Dean's Council, be barred from taking the examination in that subject.

#### RESIDENCE REQUIREMENTS

A year's attendance in the evening classes is counted as residence for three fourths of a year. A student admitted with advanced standing must complete at least one year of residence in this School and pass twenty-eight credit hours with the required average for the degree.

#### GRADES

At the end of each term each student is given a letter grade in each subject completed and a letter grade indicating the average for the term.

Grades are indicated by the letters *A*, excellent; *B*, good; *C*, satisfactory; *D*, poor—below standard for graduation; and *F*, failed.

The grades *A*, *B*, *C*, and *D*, mean that the work has been successfully completed and credit given for the subjects.

*F*, failed, means that no credit will be given. To obtain credit the student must repeat the subject; but a student who has obtained an average of *C* in the work of the academic year and received a grade of *F* in only one subject may take the next regular examination in that subject, and if on such reexamination he obtains a passing grade he will be given credit in the subject.

#### EXAMINATIONS

Written examinations are held at the end of each term in all subjects. Every student is required to take the regular examinations in the subjects pursued, unless excused by the Dean. A student who, with the consent of the Dean, does not take the examination in a subject with the class in which he is enrolled may take the next regular examination given in the subject.

No special examinations will be given; except that, upon written application to the Dean's Council, showing sufficient cause, a candidate for a degree at a convocation before the next regular examination, if he would be entitled to take a postponed examination, may, at the discretion of the Dean's Council, be given a special examination.

**EXCLUSION AND PROBATION FOR POOR SCHOLARSHIP**

A student who during an academic year fails in courses aggregating eight or more credit hours will be excluded. Such a student is not eligible to be registered in the Law School or to attend classes in the next academic year. He may, however, be admitted to the regular examinations in that academic year in those subjects in which he has made a grade below passing, and if he receives a grade of passing in these subjects with an average sufficient to make his general average not less than *C*, he will be reinstated at the beginning of the academic year next succeeding the passing of these examinations.

A student not subject to exclusion under the foregoing rule who at the end of an academic year has failed to maintain a general average of at least *C*, will be on probation during the next academic year. A student on probation may at the discretion of the Dean be required to reduce his program of study. A student on probation will be excluded at the end of the probationary year unless he has made grades sufficient to give him a general average of at least *C*.

The general average of a student includes all the grades in all the subjects taken while he is in the Law School working for a particular degree. When a subject is repeated or a reexamination is taken, both the first grade and the subsequent grade or grades are counted in the general average.

In special cases in which it is clear that the student's failure does not indicate lack of ability to pursue the study of law, the student who has become subject to exclusion may be readmitted by vote of the Dean's Council of the Law School.

No student is put on probation or excluded because of the work of one term only, or as the result of a program of less than four hours a week during the academic year.

**CLASSIFICATION OF STUDENTS**

Students are divided into classes on the completion of credit hours as follows: first year, one through twenty-eight; second year, twenty-nine through fifty-six; third year, fifty-seven or more.

**RIGHT TO DROP STUDENTS**

The right is reserved by the University to drop any student from the University, or from any class or classes, whenever, in the interest of the student or the University, the University Administration deems it advisable to do so.

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## STUDENT LIFE

## LIVING ACCOMMODATIONS

Applications for room reservations should be made well in advance. Forms for application, together with detailed information may be obtained from the Adviser on Women's Activities. The prices stated below are subject to change without notice.

*Women Students.*—Women students under twenty-one years of age who carry twelve or more credit hours of academic work must have their residences approved by the Adviser on Women's Activities before their registrations can be completed.

The Hattie M. Strong Residence Hall: single rooms with breakfast and dinner are \$54 a month; double rooms with the same service are \$47 a month a person.

Staughton Residence Hall: single rooms are \$25 a month; double rooms are \$18 a month a person.

## PLACEMENT OFFICE

The Placement Office, in Columbian House, is maintained to assist graduates in finding positions for which their college work has prepared them.

## Student Employment

In addition, an employment service is operated to assist the self-supporting student in finding full or part-time employment.

The prospective student who expects to earn any part of his expenses and who does not have a definite appointment to a position before coming to Washington should have the means of support for at least one term.

Many out-of-town students secure positions in the departments of the Government in Washington by taking the United States Civil Service examinations in their home states.

## HEALTH ADMINISTRATION

The payment of the University fee entitles the student to health services hereinafter described. Through reports from the students and University officials, the University attempts to keep informed as to all cases of illness among its students. This service is primarily diagnostic in its intent. It also provides first aid in the event of an emergency.

Medical privileges include: (1) the physical examination of every student entering from secondary school; (2) three visits by the University physician or surgeon, office or residence (District of Columbia) in any one illness, exclusive of a specialist, surgical operation, laboratory, or X-ray examination; (3) hospitalization, including board, medicine, and nursing in the University Hospital for not more than two weeks during a school year—the necessity to be determined by the Director of Health

Administration. The duration of hospitalization period (maximum, two weeks) is also to be determined by the Director of Health Administration.

This medical benefit does not apply to illness or disability incurred previous to the University term or prior to payment of the University registration fee.

The student is allowed, if he so desires, to engage physicians and nurses of his own choice, but when he does so he will be responsible for the fees charged.

Rules: (1) The Director of Health Administration is empowered to limit or deny the medical benefits where, in his discretion, a student has by his misconduct or breach of the rules of the University, made himself ineligible; (2) the Director of Health Administration has authority to determine the necessity and length of hospitalization; (3) a student who has severed his connection with the University is ineligible for medical benefits; (4) a student intending to train for an athletic team is required to pass a thorough examination at the beginning of each term; (5) the above regulations apply also during the summer term of the University.

The University is not responsible for injuries received in inter-collegiate or intra-mural games, or in any of the activities of the departments of physical education.

#### THE DEGREES IN THE PROFESSIONAL COURSE

These degrees are Bachelor of Laws (LL.B.) and Juris Doctor (J.D.).

#### REQUIREMENTS FOR THE DEGREE OF BACHELOR OF LAWS

To be recommended for this degree the student must have completed a residence period of not less than three academic years on a full-time basis (four years on a part-time basis) in an approved law school; the last year to be in this School; and eighty credit hours with a general average of at least C, in courses described on pages 27-32, including the course in Moot Court.

*Combined Degrees of Bachelor of Arts and Bachelor of Laws.*—A candidate for the combined degrees of Bachelor of Arts and Bachelor of Laws must: (1) complete three years of satisfactory college work; (2) fulfill the residence requirement of at least thirty credit hours of Columbian College, the School of Government, or the School of Education; (3) obtain the approval of the Dean of the college concerned at the time of entering the Law School; (4) complete, without a failure in any subject and with an average grade of not less than middle C, the work of the first year in the Law School. The degree of Bachelor of Arts will be conferred at the end of the first year in the Law School, provided the above conditions have been satisfied. The degree of Bachelor of Laws will be conferred upon the satisfactory completion of the

course. Law school work taken at another institution will not satisfy the law requirement for the combined degrees.

*Combined Degrees of Bachelor of Science in Engineering and Bachelor of Laws.*—For those students who desire to enter the branches of the legal profession in which a background in engineering is necessary a six-year curriculum is offered, leading to the combined degrees of Bachelor of Science in Engineering and Bachelor of Laws. A candidate for the combined degrees must conform to the residence and scholarship requirements of the School of Engineering throughout the period of preparation for the degree in engineering. His scholarship level for the junior and senior years must be acceptable to both the School of Engineering and the Law School. During the junior and senior years he must complete: (1) the required courses in engineering, (2) the 28 credit hours of courses required in the first year of the Law School, and (3) such electives as he needs to satisfy the 144 credit-hour requirement for the degree in engineering. The first year work in the Law School must be completed without a failure in any subject and with an average grade of not less than middle *C*. Upon the satisfactory completion of the senior year, the degree of Bachelor of Science in Engineering will be conferred. The student will then continue his studies in the Law School; upon the satisfactory completion of which the degree of Bachelor of Laws will be conferred.

#### REQUIREMENTS FOR THE DEGREE OF JURIS DOCTOR

This degree is conferred as a recognition of the completion at the George Washington University Law School, with high rank, of the full professional course of not less than three full years (four years on a part-time basis) including experience in research and legal authorship.

To be recommended for this degree the student must have completed: (1) a residence period of not less than three academic years on a full-time basis (four years on a part-time basis) in the Law School; (2) eighty credit hours with a general average of at least *B*, in courses described on pages 27-32, including the course in Moot Court and either the course in Comparative Law or one of the graduate seminars; and (3) one year of acceptable service on the board of student editors of *The George Washington Law Review*, election to which is subject to regulations laid down by the faculty. Students taking the combined Arts and Law or Engineering and Law course are not eligible for this degree.

#### HONORS

The degree of Bachelor of Laws or of Juris Doctor "with distinction" will be awarded the student who obtains a general average of *A* in the work for the degree.



**IN THE GRADUATE COURSE**

These degrees are Master of Laws (LL.M.) and Doctor of Juridical Science (S.J.D.)

**REQUIREMENTS FOR THE DEGREE OF MASTER OF LAWS**

To be recommended for this degree the student must have completed a residence period of not less than one academic year. He must have completed with a satisfactory average twenty credit hours of subjects in the graduate curriculum. In individual cases, third- or fourth-year subjects listed in the professional curriculum may be included in the program of study. All requirements for this degree must be completed in a period not exceeding two academic years.

**REQUIREMENTS FOR THE DEGREE OF DOCTOR OF JURIDICAL SCIENCE**

To be recommended for this degree the student must have completed a residence period of not less than one academic year. He must have pursued a course of study and research designated by his consultative committee and approved by the Dean's Council of the Law School. At the conclusion of his first year of residence or at such other time as the consultative committee may set, the candidate must pass an oral examination in those fields of study selected by the consultative committee. This examination shall be conducted by the consultative committee and such other members of the faculty as may be assigned by the Dean.

Not later than the date specified in the University calendar the candidate must submit to the Dean one typewritten original and two legible and complete carbon copies of his thesis in its final form and also a typewritten summary of the thesis consisting of not more than 2,500 words. To be acceptable the thesis must, in the opinion of the examining committee, constitute a substantial contribution to the field of law concerned and be suitable for publication. Additional information will be supplied by the Dean.

The summaries of accepted theses will be printed in a volume forming a number of the University BULLETIN. The successful candidate for the doctorate is required, before receiving his degree, to pay a fee to cover the expense of printing the summary of his thesis.

## COURSES OF INSTRUCTION

The courses of instruction listed below are subject to change. The University reserves the right to withdraw any course announced.

The number which precedes the name of a course indicates the term in which that course is offered. An odd number indicates that the course is offered in the fall term; an even number, that it is offered in the winter term; and a double number (e.g., 241-42), that it begins in the fall and continues in the winter term.

First-year courses are numbered from 101 to 200; second-year courses, from 201 to 300; third year courses, from 301 to 400; and graduate courses, from 401 to 500.

The number of hours of credit given for the satisfactory completion of a course is indicated in parentheses after the name of the course. Thus, a year course giving two hours of credit each term is marked (2-2), and a term course giving two hours of credit is marked (2).

### 101 *Agency* (4)

Problems of agency in the conduct of business.  
Summer term 1945.

McCoy

### 105 *Civil Procedure* (4)

Function and composition of pleadings, including their relation to proof. Emphasis is upon reforms, as exemplified by modern code provisions and the Federal Rules of Civil Procedure. Clark, *Cases on Pleading and Procedure*, 2d ed. Tues. and Thurs., 6:20 to 8:00 P.M.

Larremore

### 111 *Contracts* (4)

Promissory obligation: offer and acceptance, consideration, statute of frauds, formal instruments, rights of third parties, assignments, and joint obligations. Williston, *Cases on Contracts*, 4th ed. Section A: Tues. and Fri., 10:10 A.M. to 12:00 M.; section B: Tues. and Thurs., 6:20 to 8:00 P.M.

Spaulding

Summer term 1945.

### 123-24 *Criminal Law and Procedure* (2-2)

Elements of criminal liability; specific crimes; combinations of persons in crime; criminal procedure. Harno, *Cases and Materials*. Wed., 6:20 to 8:00 P.M.

Kirkland

### 129 *Judicial Process I* (2)

Benson and Fryer, *Readings on the study of Law and the Anglo-American Legal System*.  
Summer term 1945.

Murphy

- 133 *Property I (4)* Larremore  
Concepts of property, possession and ownership, and of legal relations with respect to chattels and documentary intangibles created by gift, sale, pledge, lien, bailment, etc. Larremore, *Cases on Property*, 3d ed. Section A: Wed. and Thurs., 10:10 A.M. to 12:00 M.; section B: Mon. and Fri., 6:20 to 8:00 P.M.
- 138 *Property II (4)* Spaulding  
Real property; introduction; estates, seisin, landlord and tenant; future interests at common law and under the statutes of uses and wills; merger; elementary study of remoteness and powers; adverse possession; prescription; natural rights. Fraser, *Cases on Property*, Vol. I and II. Section A: Tues. and Fri., 10:10 A.M. to 12:00 M.; section B: Tues. and Thurs., 6:20 to 8:00 P.M.
- 142 *Torts (4)* Van Vleet  
Civil liability for harms to legally protected interests. Thurston and Seavey, *Cases on Torts*. Section A: Wed. and Thurs., 10:10 A.M. to 12:00 M.; section B: Mon. and Fri., 6:20 to 8:00 P.M.
- 213 *Constitutional Law I (4)* Collier  
Historical introduction; judicial approach and methods; doctrine of the separation of powers; powers of the National Government; the federal system; relation of the state courts and the federal courts. Dodd, *Cases on Constitutional Law*, 3d ed. Section A: Wed. and Fri., 10:10 A.M. to 12:00 M.; section B: Mon. and Fri., 6:20 to 8:00 P.M.
- 231 *Equity (4)* Spaulding  
Specific performance of contracts; equitable conversion; statute of frauds; mutuality; conditions; defenses; equitable servitudes; powers of an equity court; effect of decrees. Cook, *Cases on Equity*, 1 volume, 3d ed. Mon. and Fri., 6:20 to 8:00 P.M.
- 241 *Property III (2)* Wilson  
Conveyances, rents, easements, profits, licenses, covenants running with the land, and recording. Summer term 1945.
- 242 *Evidence (4)* Strahon  
Functions of court and jury; witnesses; hearsay, opinion, and circumstantial evidence; proof of authenticity; and contents of writings. Tracy, *Cases and Materials on Evidence*; Clark, *Cases on Pleading and Procedure*, 2d ed. Mon. and Fri., 6:20 to 8:00 P.M. Summer term 1945.
- 246 *Negotiable Instruments (4)* Oppenheimer  
Bills of exchange, promissory notes and checks, especially under Negotiable Instruments Law. Britton, *Cases on Negotiable Instruments*. Tues. and Thurs., 6:20 to 8:00 P.M. Summer term 1945.



- 251 *Quasi Contracts* (2)  
Legal remedies for restitution of benefits obtained or conferred by performance of contract, misrepresentation, mistake, and coercion. Thurston, Cases on Restitution. (Not offered in 1945-46.)
- 254 *Wills* (2)  
Formation and revocation of wills; testate and intestate succession. (Not offered in 1945-46.)
- 262 *Security Transactions* (4)  
Security interests in real and personal property, their creation, transfer, enforcement, and extinguishment, together with security problems in the fields of suretyship and bankruptcy. (Not offered in 1945-46.)
- 304 *Administrative Law I* (4) Collier  
Legislative setting for administrative bodies; judicial control of administrative action, public utilities, taxation, alien laws. Federal Trade Commission, workmen's compensation, etc. Stason, Cases on Administrative Law. Mon. and Fri., 6:20 to 8:00 P.M.
- 312 *Business Associations I* (4) Spaulding  
Forms of business associations; legal requirements as to contributions of capital; powers and rights of corporations, corporate officials, and shareholders. Frey, Cases on Business Associations. Mon. and Fri., 6:20 to 8:00 P.M.
- 315 *Conflict of Laws* (4) Van Vleck  
Study of cases involving foreign elements; principles of jurisdiction and limitations upon its exercise; procedure, torts, workmen's compensation, contracts, property, family law, administration of estates, business associations. Cheatham, Dowling, Goodrich, and Griswold, Cases on Conflict of Laws, 2d ed. Section A: Wed. and Thurs., 10:10 A.M. to 12:00 M.; section B: Mon. and Fri., 6:20 to 8:00 P.M.  
Summer term 1945.
- 321-22 *Current Decisions* (2-2) Oppenheim  
Required of, and limited to, members of the student staff of the *Law Review*.
- 326 *Federal Jurisdictions* (2) Collier  
Constitutional origins and powers of federal courts; sources of law applicable to them; business and extent of jurisdiction of federal courts. (No offered in 1945-46.)
- 332 *Labor Law* (4) Larremore  
Legality of collective labor action, of ends sought and means used; strike, picketing, boycott, trade agreements; labor injunctions; scope of federal jurisdiction. Landis and Manoff, Cases on Labor Law. Tues. and Thurs., 6:20 to 8:00 P.M.
- 333 *Legislation* (2)  
A study of the problems and principles of legislation. (Not offered in 1945-46.)

- 335-36 *Moot Court* (2-2) Gordon, Craighill, Morris, Edgerton  
Open only to students who have completed fifty credit hours. Prerequisite: Law 105 and 242. Wed., 6:20 to 8:00 P.M.
- 345-46 *Patent Law* (2-2) Sutton  
Substantive patent law; patentability; revision, use, and enforcement of patents; Patent Office practice: Rules of Practice; appeal and interference procedure. Mon., 6:20 to 8:00 P.M.
- 349 *Patent Moot Court* (4) Coe  
This course may be elected instead of Law 335-36 to satisfy the Moot Court requirement. Both subjects may not be counted toward a degree. Wed., 6:20 to 8:00 P.M.
- 351 *Public Utilities* (2) Collier  
Limits of regulation of businesses affected with public interest; ascertainment of value of property used for the public service and the fixing of adequate rates of return. (Not offered in 1945-46.)
- 353 *Domestic Relations* (2) Larremore  
Marriage, annulment, and divorce; rights of husband and wife; rights of parent and child; infants; conflict of laws involving problems of marriage evasion and migratory divorce. Madden and Compton, Cases on Domestic Relations. (Not offered in 1945-46.)
- 357 *Sales* (4) Oppenheim  
(Not offered in 1945-46.)
- 371-72 *Taxation* (2-2) Collier  
Emphasis on the federal estate tax and the federal income tax. Attention given state inheritance and income taxes. Problem of jurisdiction to tax, construction of tax statutes, methods of judicial review of administrative actions in the tax field, modern excise taxes on business concerns. Magill and Maguire, Cases on Taxation, 1941 ed. Thurs., 6:20 to 8:00 P.M.
- 377 *Trade Regulation I* (4) Oppenheim  
Unfair trade practices, combination and monopoly at common law and under various statutes; trade-marks; business torts; Sherman Antitrust Act; Federal Trade Commission and Clayton Acts; marketing price and patent practices; Fair Trade Acts; mergers; trade associations; remedies. Oppenheim, Cases on Trade Regulation. Tues. and Thurs., 6:20 to 8:00 P.M.
- 381-82 *Trusts* (2-2) Collier  
Nature, creation, elements, administration, termination, modification of trusts; charitable, resulting, construction trusts; liabilities of a trustee to third persons; transfer of beneficiary's interest. Scott, Cases on Trusts, 3 ed. Wed., 6:20 to 8:00 P.M.

- 401-2 *Public Law Research* (2-2) Oppenheim  
Research on selected topics in public law. Completion of publishable paper required. Open only to especially qualified students.
- 404 *Administrative Law II* (4)  
Research seminar course in special problems, including the study of specific administrative agencies, federal or state. (Not offered in 1945-46.)
- 405 *Admiralty* (2) Alden  
Federal and state jurisdiction; jurisdiction over waters, craft, contracts, torts, crimes, in equitable matters, etc.; laws applicable to maritime workers and maritime liens. Sayre, *Cases on the Law of Admiralty*. Mon., 6:20 to 8:00 P.M.
- 411 *Business Associations II* (4)  
Seminar: study of the historical background and functioning of the statutes involved in the work of the Securities and Exchange Commission. (Not offered in 1945-46.)
- 416 *Comparative Law* (2) Murdock  
Historical and comparative study of some of the institutions and principles of the civil law (law of South and Central America and most of the Continent of Europe) compared with those of the common law; the influence of the former upon the latter. (Not offered in 1945-46.)
- 421 *Constitutional Law II* (4)  
Research seminar in contemporary problems in constitutional law; special emphasis on interstate-commerce cases and due process of law. (Not offered in 1945-46.)
- 426-27 *Municipal and Government Corporations* (2-2) Ellis  
Municipal corporations: organization, powers, functions and legal relations of local governmental units. Federal corporate agencies: organization, powers, functions, and legal relations of functional governmental units separately incorporated. Tooke and McIntire, *Cases on Municipal Corporations*. Fri., 6:20 to 8:00 P.M.
- 431-32 *International Law* (2-2) Murdock  
Customary and treaty rights and duties of states; diplomatic and consular agents; treaty interpretation; nationality laws; international courts; claims procedure; war; neutrality. Hudson, *Cases on International Law*, 2d ed. Tues., 6:20 to 8:00 P.M.
- 434 *Interstate Commerce Commission Law and Procedure* (2)  
Interstate Commerce Act; the Interstate Commerce Commission; practice and procedure before the Commission. (Not offered in 1945-46.)



**435-36 Jurisprudence (2-2)**

History of jurisprudence; schools of jurists, particularly the nineteenth century schools; sociological jurisprudence; theories of justice; the nature of law; law and morals; law and the state; the scope and subject matter of law; sources and forms of law; the traditional elements; analysis of general legal conceptions. Hall, Readings in Jurisprudence. Summer term 1945.

Collier

**452 Trade Regulation II (4)**

A research seminar in specific problems of trade regulation. (Not offered in 1945-46.)

# DEGREES CONFERRED

1944-45

## BACHELOR OF LAWS

MAY 31, 1944

Bartimo, Frank Antonio A.B. 1941, Clark University	Mass.	McNeil, Buck Winfred A.B. 1939, Texas Technological College	Tex.
Blackmon Joel D. B.S. 1936, John Brown University	Ark.	Pelton, Russell Gilbert B.S. in E.E. 1935, Syracuse University	Va.
Burden, William Harold A.B. 1938, University of Oklahoma	Mo.	Pondrom, Ruth de Lyon A.B. 1938, A.M. 1942, University of Texas	Tex.
Crump, Nannie-Mayes A.B. 1918, Vassar College	Miss.	Price, William Baker A.B. 1938, Furman University	S.C.
Hatfield, Norma Sherrod (With distinction)	D.C.	Raymond, Donald Evans A.B. 1942, University of Oklahoma	Okla.
A.B. 1940, The George Washington University		Roberts, John Joseph A.B. 1939, Pennsylvania State College	Pa.
de Ibañez, Anna Bodony A.B. 1935, The George Washington University	Ill.	Silver, Jonas B.S.S. 1939, College of the City of New York	N.Y.
Kilgore, William Dock, Jr. A.B. 1941, Emory and Henry College	Va.	Spiller, Lou Nora A.B., B.B.A. 1933, University of Texas	Tex.
Lindel, Russell M. A.B. 1938, University of Washington	Wash.	Tomey, Jesse Neal A.B. 1942, The George Washington University	Ind.
Major, Ruth F. McDowell, Eleanor Cornelia A.B. 1934, College of New Rochelle	D.C. N.Y.		

SEPTEMBER 19, 1944

Briscoe, Maye Howell A.B. 1929, University of Kentucky	Ky.	Taylor, Millie Ivor A.B. 1932, University of South Carolina	S.C.
Gallivan, Frank Murray A.B. 1942, University of Wyoming	Wyo.	Whyte, Joseph Lawrence B.S. 1936, New York University	N.Y.
Liberman, Simon	N.Y.		

FEBRUARY 22, 1945

Bushart, Irma June A.B. 1940, Murray State Teachers College	Ky.	Minor, James Beryll, Jr. A.B. 1943, The George Washington University	W.Va.
Flint, George Marsh, Jr. A.B. 1940, Harvard University	Mass.	Mossburg, Eugene Hyatt A.B. 1936, Duke University	Va.
Ford, Forrest Adams B.S. 1931, University of Minnesota	Nebr.	Smith, Jane Dawson A.B. in Govt. 1938, The George Washington University	Ill.
Leikowitz, David Irving B.S.S. 1940, College of the City of New York	N.Y.		

MAY 30, 1945

Atlas, Martin A.B. 1934, New York University	N.Y.	Henry, Rhea Preston A.B. 1937, University of South Carolina	Va.
A.M. 1935, Columbia University		Kerley, Martha Louise Kimpel, Ernest B., Jr.	N.C. Ark.
Boman, Howard F. A.B. 1938, University of Illinois	Ill.	A.B. 1941, Arkansas Agricultural and Mechanical College	
Calvert, Gordon L. (With distinction)	D.C.	Layne, Aaron Alvia, Jr. A.B. 1943, The George Washington University	Tenn.
A.B. 1943, The George Washington University		Pincock, Dee Whitford Smith, Will Dan	Idaho Mo.
Clark, Marjorie Ida Flint, George Marsh, Jr. A.B. 1940, Harvard University	Ill. Mass.	Steinberg, Jack N. A.B. 1943, The George Washington University	D.C.
Gillespie, Mary Abbie B.S. 1929, A.M. 1933, George Peabody College	D.C.	Washington, Bushrod Corbin, Jr. A.B. 1943, The George Washington University	Pa.
Haley, J. Tom, Jr. A.B. 1941, Arkansas Agricultural and Mechanical College	Ark.		

## MASTER OF LAWS

MAY 31, 1944

Harrison, Lewis Irving  
A.B. 1921, The George Washington University  
LL.B. 1924, St. Lawrence University

N.Y. Powell, George Livingstone  
A.B., LL.B. 1938, The George Washington University

SEPTEMBER 19, 1944

Murphy, Jay W.  
A.B. 1933, University of Illinois  
J.D. 1943, The George Washington University

III.

MAY 30, 1945

Binish, Stanley Edward  
B.S. 1920, LL.B. 1936, University of Wisconsin  
Greenhaus, James  
LL.B. 1940, St. John's University  
Sheneman, John R.  
B.S. 1939, United States Naval Academy  
LL.B. 1942, Harvard University

Wis. Simpson, Ellsworth Tenley  
LL.B. 1941, The George Washington University

N.Y. White, Bernard S.  
A.B. 1938, University of Nebraska  
Ind. LL.B. 1940, Creighton University

## JURIS DOCTOR

MAY 31, 1944

Remmlein, Madeline Kinter  
Ph.B. 1929, University of Chicago  
A.M. 1932, Columbia University  
Ph.D. 1933, Sorbonne University

Va. Ruckman, Norris Elliott  
B.S. 1935, M.S. 1936, Massachusetts Institute of Technology

SEPTEMBER 19, 1944

Chalmers, Philip Owen  
(With distinction)  
B.S. 1923, Harvard University  
Crystal, Daniel  
A.B. 1935, New Jersey State Teachers College

Md. Cunningham, Harry Earl  
(With distinction)  
B.S. in C.E. 1926, California Institute of Technology  
N.J. Dodson, Boltwood Edmund  
Graduate 1923, United States Naval Academy

FEBRUARY 22, 1945

Frost, George Edward  
B.S. in E.E. 1940, Illinois Institute of Technology

III.

MAY 30, 1945

Hunter, Frank R., Jr.  
B.S. in Eng. 1939, The George Washington University

Va. Mallyck, Eugene Theodore  
B.S. in E.E. 1941, Drexel Institute of Technology  
Scott, Robert McCance  
A.B. 1942, University of Tulsa



# STUDENTS REGISTERED IN THE LAW SCHOOL

1943-44

A

Abbott, Robert Sutton  
A.B. 1943, Kent State University  
Adkins, Elijah Date, Jr.  
B.S. 1936, Haverford College  
LL.B. 1939, Harvard University  
Alexander, Andrew William  
Amrine, Helen M.  
B.S.C. 1933, University of Iowa  
Anderson, Nils, Jr.  
A.B. 1937, Williams College  
Ashby, Robert Samuel  
A.B. 1938, Indiana University  
LL.B. 1941, Harvard University  
Atherton, Eva  
B.S. 1937, New York State College  
for Teachers  
Atlas, Martin  
A.B. 1934, New York University  
A.M. 1935, Columbia University  
Ause, Vernon LeRoy  
A.B. 1940, University of Wisconsin

B

Bacon, John Clifford  
Balcom, Raymond Douglas  
A.B. 1940, Clark University  
M.B.A. 1942, Michigan University  
Baillard, Arthur Joseph  
A.B. 1933, A.M. 1938, West Vir-  
ginia University  
Bange, Agnes Ward  
Barbee, Ruth Stone  
Barbee, William Clifford  
A.B. 1939, The George Washington  
University  
Barnett, Auswell Creed  
B.S. 1943, East Texas State Teachers  
College  
Barrickman, Ray Ellsworth  
A.B. 1934, University of West Virginia  
LL.B. 1938, University of Arkansas  
Baskin, Ruth Esther  
A.B. 1943, University of Pennsylvania  
Bates, Charles William  
A.B. 1941, Southern Methodist Uni-  
versity  
Beasley, Margaret Elise  
A.B. 1940, University of Alabama  
Bee, Max Culbertson  
A.B. 1931, Park College  
Beedy, Carroll Lynwood  
A.B. 1903, Bates College  
LL.B. 1906, Yale University  
Bell, Orpah Scott  
A.B. 1935, University of Kentucky  
Bellm, Charles N.  
E.M. 1934, Colorado School of Mines  
Ben Ezra, Leon  
A.B. 1944, The George Washington  
University

Bennett, Daniel Arthur  
M.E. 1922, Stevens Institute of Tech-  
nology  
Md. LL.B. 1934, J.S.D. 1936, St. Lawr-  
ence University  
Berkowitz, Arnold A.  
A.B., LL.B. 1941, New York Uni-  
versity  
D.C. Berry, Alice Justine  
D.C. A.B. 1943, Smith College  
N.J. Berzito, Joseph James  
Pa. B.S. in Ed. 1938, Mansfield State  
Teachers College  
Ind. Bier, William  
N.Y. B.S. 1939, Brooklyn College  
LL.B. 1944, The George Washington  
University  
N.Y. Binger, Mary Jane  
W.Va. A.B. 1931, Florida State College for  
Women  
Wis. Binish, Stanley Edward  
D.C. B.S. 1929, LL.B. 1936, University of  
Wisconsin  
D.C. Birdsell, John Edmund  
Calif. Blois, Marsden Scott, Jr.  
B.S. 1941, United States Naval  
Academy  
Fla. Boire, Harold Arthur  
LL.B. 1940, John B. Stetson Uni-  
versity  
D.C. Bollard, Isabelle M.  
B.S. 1933, University of Tennessee  
Ill. Boman, Howard F.  
A.B. 1938, University of Illinois  
N.Y. Borkin, Joseph  
B.S. 1933, A.M. 1937, New York  
University  
Calif. Bouchard, Patricia  
A.B. 1943, Stanford University  
D.C. Brennan, John Wright  
A.B. 1943, Catholic University of  
America  
Ky. Briscoe, Maye Howell  
A.B. 1920, University of Kentucky  
Md. Britt, James Robert  
B.S. 1910, Wake Forest College  
Iowa Brookhart, Smith Wildman  
A.B. 1929, LL.B. 1931, The George  
Washington University  
Va. Brooks, N. Margaret  
A.B. 1940, The George Washington  
University  
Md. Brown, Irene Mae  
A.B. 1944, The George Washington  
University  
Va. Brown, Melvin Manuel  
A.B. 1941, University of Missouri  
N.J. Browning, John Barnett  
B.S. 1943, University of Alabama  
N.J. Browning, Joseph Willmont, Jr.  
A.B. 1940, University of Alabama

(35)

Brugger, Vernon Walter  
B.S. in Ed. 1936, University of  
South Dakota  
Buchanan, James Paul, Jr.  
B.S. and M.S. in E.E. 1923, Uni-  
versity of Texas  
Burdin, William Harold  
A.B. 1928, University of Oklahoma  
LL.B. 1944, The George Washington  
University  
Burke, John Edward  
B.S. 1934, Indiana University  
Bushart, June  
A.B. 1940, Murray State Teachers  
College  
Bussard, Richard Heyser  
B.S. in Elec. 1929, Johns Hopkins  
University  
Buttles, Bruce  
A.B. 1940, University of California  
M.S. 1946, Columbia University

## C

Cahill, William Todd  
Carns, Edna Marie  
B.S. 1940, New Jersey State Teachers  
College  
Calhoun, Edward Joseph  
A.B. 1917, The George Washington  
University  
Calvert, Gordon Lee  
A.B. 1943, The George Washington  
University  
Camp, Robert Clifford  
B.S. in E.E. 1939, Purdue University  
Carlsen, Rigmor Olsen  
A.B. 1925, University of California  
Chalmers, Philip Owen  
B.S. 1923, Harvard University  
J.D. 1944, The George Washington  
University  
Champeau, Fay M.  
Champlin, Ellis Earl  
A.B. 1941, University of Nebraska  
Chapman, Laura Ward  
Cheo, Kong Liang  
A.M. 1940, University of Southern  
California  
Cheper, Nicholas S.  
B.L.E. 1937, Ohio State University  
Chiappone, Virginia Lee  
Chow, Felton  
B.S. 1923, A.M. 1925, University of  
Pennsylvania  
Church, Frederick Lewis, Jr.  
B.S. in Bus. 1943, American University  
Clark, Frances Evarts  
A.B. and T.D. 1917, The George  
Washington University  
Clark, Marjorie Ida  
Clepper, Jane Farr  
B.S. in Com. 1941, University of  
Georgia  
Cliff, W. Wilson  
B.S. 1939, Utah State Agricultural  
College  
Close, Sheila Margaret  
A.B. 1940, Albertus Magnus College  
Cochran, Clyde Brady  
A.B. 1928, A.M. 1932, B.S. in Ed.  
1933, Ohio State University  
Cocke, William Ruffin Coleman, Jr.

S.D. Coe, Mildred Virginia  
A.B. 1917, St. Lawrence University  
B.S. 1918, Syracuse University  
Va. Colmetz, Martha Louise  
A.B. 1942, The George Washington  
University  
Mo. Conkey, Ralph Hill  
A.B. 1943, The George Washington  
University  
Ill. Conklin, Jorie  
A.B. 1942, University of California  
Ky. Cook, Dorothy Sweet  
A.B. 1941, University of Wisconsin  
Cook, Walter McQueen  
Cooper, Loretta Marie  
Va. B.S. in Ed. 1934, Ohio State Uni-  
versity  
Pa. Corridon, Donald Claude  
B.S. 1941, University of Maryland  
Cragg, Richard Edwards  
E.E. 1938, Purdue University  
Creps, John Howard  
B.S. in Ed. 1943, State Teachers  
College (Indiana, Pa.)  
D.C. Cressler, Mildred A.  
A.B. 1929, University of Nebraska  
N.J. Crossfield, Philip L.  
B.C.E. 1942, The George Washing-  
ton University  
D.C. Croxton, Hardy Winborn  
A.B. 1943, University of Richmond  
D.C. Crystal, Daniel  
A.B. 1945, Montclair State Teachers  
College  
Curtis, Floyd John  
D  
Dach, Joseph  
LL.B. 1928, University of Budapest  
Dalkowitz, Sampson Godfrey  
B.S. 1920, United States Naval  
Academy  
Wis. Dalton, Virginia Lee  
Md. B.S. 1941, Wilson Teachers College  
Darling, Joseph Warren  
B.S. 1930, Harvard University  
Ala. M.B.A. 1934, University of Penn-  
sylvania  
China Davis, Albert Plummer  
Ohio B.S. 1935, Northeastern University  
Ohio Davis, Fred Wilson  
D.C. Davis, Frederic Terrence  
Day, Charles Herbert  
A.B. 1938, Fenn College  
Va. de Medeiros, Fernando Saboia  
LL.B. 1944, The George Washington  
University  
D.C. Dervan, John Murray  
B.S. 1936, LL.B. 1938, Boston Uni-  
versity  
Ill. Deutch, Morris Robert  
Tenn. Dieman, Charles Augustus  
B.S. 1940, University of Wisconsin  
Md. Dik, Elsa Lilly  
Dillon, Edward Scott  
B.S. 1932, University of Illinois  
Conn. Divine, William R.  
A.B. 1937, Pomona College  
W.Va. A.M. 1939, University of Cincinnati  
Dodson, Boltwood Edmund  
Graduate 1923, United States Naval  
Academy  
D.C.

Dorsey, William Henry, Jr. A.B. 1943, University of Dayton	D.C.	Garfield, Elwin Burris Garrett, Marie Gertrude B.S. 1936, New York University	Utah D.C.
Dougherty, Frank R. Dubowsky, Sylvia Ruth A.B. 1938, University of Cincinnati	D.C. Ohio	Gass, Edmund Cody A.B. 1927, Carson-Newman College	Tenn.
Dunstan, Lyle Alfred B.S. 1939, University of Washington	Wash.	A.M. 1931, University of Tennessee	N.J.
Duque, Jose Gabriel B.S. in Bus. Adm. 1944, American University	Panama	Gaynor, Robert Edward A.B. 1940, Rutgers University	N.J.
Eager, Eloise Susan	E	Gecenok, Morris A.B. 1934, Duke University	N.J.
Earp, Thomas Spencer A.B. 1939, Elon College	Wis. Va.	Geiger, John H. A.B. 1929, The George Washington University	Va.
Edgerton, John D. Ehlers, Joseph H. B.S. 1914, Trinity College	D.C. Calif.	Gerber, Wayne Surridge B.E.M. 1933, LL.B. 1940, Ohio State University	Ohio
Eisenberg, William Victor A.B. 1934, Brooklyn College	N.Y.	Gibb, Duncan Chapin LL.B. 1940, University of Virginia	Va. D.C.
Ellsworth, Benjamin A.B. 1919, Grinnell College	Iowa	Gillespie, Mary Abbie A.M. 1933, Peabody Institute	Oreg.
Elvove, Solomon Emmet, Winthrop Stuyvesant A.B. 1933, LL.B. 1936, Harvard University	D.C. N.Y.	Gillespie, Tyrone LL.B. 1939, Willamette University	Okla.
Fainstein, Harry Morris A.B. 1939, University of California at Los Angeles	Calif.	Glass, Norman P. A.B. 1937, Oklahoma City University	Ill.
Faith, Ethelyn Juanita B.S. 1939, Tennessee State Teachers College	D.C.	LL.B. 1941, University of Oklahoma	Ark.
Fariss, Melvin Kaye A.B. 1935, Wheatworth College	Md.	Godfrey, Francis Edwin Goodman, Elizabeth Josephine A.B. 1918, Henderson State Teachers College	Va.
Fary, Thomas Franklin Fay, Eli Perrin, Jr. A.B. 1941, Stanford University	Va. Calif.	Goodrich, Ernest Whitmore A.B. 1935, College of William and Mary	Mich.
Fell, Riley Brown B.S. in M.E. 1943, Louisiana Polytechnic Institute	La.	LL.B. 1918, The George Washington University	N.Y.
Fellows, Vera Ellen A.B. 1927, Colby College	D.C.	Grady, Stafford Robert A.B. 1941, The George Washington University	D.C.
Finch, Edward Ridley A.B. 1941, Princeton University	N.Y.	Greenhaus, James LL.B. 1940, St. John's University (N. Y.)	N.Y.
Fischel, Elaine Betty A.B. 1940, University of California	Colo.	Greller, Nelson P. B.S. in C.E. 1933, New York University	D.C.
Flaherty, Edward Aloysius B.S. 1942, Seton Hall College	N.J.	Gruenberg, Harold A.B. 1944, The George Washington University	N.Y.
Fleig, Fred George A.B. 1932, University of Cincinnati	Ohio	Grundstein, Nathan David A.B. 1945, M.S. 1936, Ohio State University	Va.
Fleischfarb, Alexander LL.B. 1944, Washington College of Law	N.J.	Ph.D. 1941, Syracuse University	Md.
Flint, George M., Jr. A.B. 1940, Harvard University	Mass.	Guandolo, Joseph A.B. 1928, McKendree College	
Forriester, Robert Morris B.S. 1941, Antioch College	Mich.	J.D. 1931, University of Illinois	
French, Baird Miller B.S. in C.E. 1930, University of New Mexico	Va.	J.S.D. 1932, Yale University	
Frost, George Edward B.S. in E.E. 1940, Illinois Institute of Technology	Va.		
Gallagher, Nadine Lane LL.B. 1935, Washington College of Law	D.C.	II	
Gallivan, Frank Murray A.B. 1942, University of Wyoming	Wyo.		
		Haley, Bernice C. B.S. 1939, Michigan State College	Mich.
		Haley, John Thomas, Jr. A.B. 1941, Arkansas Agricultural and Mechanical College	Ark.
		Haley, Martha Ernestine A.B. 1934, Emory and Henry College	Va.
		Hall, Sheldon Franklin B.S. 1936, Virginia Polytechnic Institute	Va.
		Hall, William Darlington B.S. in E.E. 1934, M.S. in E.E. 1935, E.E. 1940, West Virginia University	D.C.
		Hallam, H. Charles, Jr. Hamlin, Edmund Tarr Ph.B. 1926, University of Wisconsin	Md. Wis.



Hanson, Roy Andrew	Maine	Jacobson, Helen B.	Ne
Harness, Charles Leonard	Tex.	LL.B. 1938, New York University	N.C.
B.S. 1942, The George Washington University	N.H.	Jenkins, Margaret Matilda	K
Harrigan, Frederick John	Iowa	Johnson, Gillard Bayne, Jr.	Ne
A.B. 1942, Harvard University	Iowa	LL.B. 1944, University of Louisville	D.C.
Harrington, Dayton M.	Iowa	Johnson, Richard N.	N.Y.
LL.B. 1942, The George Washington University	Iowa	A.B. 1925, LL.B. 1930, University of Nebraska	Iad
Harrington, Joseph Michael	Ohio	Jones, Earl R.	
A.B. 1944, University of Iowa	D.C.	Jones, Mary Gardiner	
Harris, Laona Kay		A.B. 1943, Wellesley College	
A.B. 1941, University of Cincinnati		Joss, John Hubbard	
B.S. 1942, Columbia University		A.B. 1926, Yale University	
Harrison, Lewis Irvine		LL.B. 1931, University of Arizona	
A.B. 1921, LL.M. 1944, The George Washington University			
Harry, Charles Howard, Jr.	Pa.	Kagan, S. Wallace	N.J.
B.S. 1932, University of Pennsylvania	Ill.	Kahelin, John Einar	N.Y.
LL.B. 1940, Temple University	D.C.	B.S.C. 1942, Ohio University	
Hartman, Doris Kathrine		Kalikow, Irving	D.C.
A.B. 1940, Duke University		B.B.A. 1938, College of the City of New York	N.Y.
A.M. 1941, Fletcher School of Law and Diplomacy		Kaslow, Clifford	
Hartung, Elizabeth	Nebr.	Katz, Marvin	D.C.
A.B. 1947, The George Washington University	Pa.	A.B. 1937, Union College	
Hayward, Charles Webster		LL.B. 1940, Columbia University	
Helsel, William Gordon		Kaufman, Lynne A.	
B.S. 1932, Dickinson College		A.B. 1940, Nebraska Wesleyan University	
Henry, Rhea Preston		Kaufman, Lillian	
A.B. 1937, University of South Carolina		Kaye, Arnold S.	
Hibben, Robert Radford	D.C.	Keesecker, Ward W.	
A.B. 1943, Dartmouth College	Conn.	A.B. 1923, A.M. 1924, The George Washington University	
Hill, George Edmond III		Ph.D. 1929, American University	
A.B. 1943, Wesleyan University	N.Y.	Kemon, Solon Bainbridge	
Hillhouse, Andrew Fitch, Jr.		B.E.E. 1943, Cornell University	
B.S. 1943, Massachusetts Institute of Technology	Mo.	Kendall, Elizabeth Antoinette	
Hines, Lenore	N.J.	B.J. 1932, University of Texas	
Hirsch, Chester Leo		Kerley, Martha Louise	
A.B. 1941, Rutgers University		Kimpel, Ernest Blake, Jr.	
A.M. 1942, Columbia University		A.B. 1941, Arkansas Agricultural and Mechanical College	
Hirschman, Max	N.Y.	King, Fred Wesley	
B.S.S. 1938, M.S. in Ed. 1940, College of the City of New York		Kinney, David Bowen	
Hoelke, Howard Aley	Wis.	A.B. 1943, Alma College	
B.S. in M.E. 1941, University of Wisconsin		Kinney, Nathaniel Norton	
Hoffman, Olga H.	D.C.	B.S. in C.E. 1929, University of Colorado	
Holsey, Seton Towns	Tex.	Kipp, Mary Elizabeth	
Holt, Birge N.	Tex.	A.B. 1941, Hamline University	
LL.B. 1930, University of Texas	D.C.	Kirchheimer, Otto	
Hunt, Louise Hart	Va.	Dr. of Law 1928, Bonn University	
Hunter, Frank Rhodes, Jr.		Knight, Alfred Bishop	
B.S. in Eng. 1939, The George Washington University		A.B. 1941, Washburn College	
Huson, Amerat Edward	Va.	Koblentz, Charles	
B.S. 1930, Massachusetts Institute of Technology		A.B. 1939, Central Y. M. C. A. College, Chicago	
		Kopcha, Katherine P.	
		B.S. 1942, Northwestern University	
		Krause, James Arthur	
		B.B.A. 1941, University of Texas	
		Kuske, Esther Juanita	
	D.C.	B.S. 1922, Northwestern University	
	N.Y.		
Interdonato, Paul Frank			
Irish, Robert Godwin			
B.S. in E.E. 1940, Cornell University			
Jackson, Mildred Viola	W.Va.	Larkin, Frank Yaskum	
A.B. 1941, LL.B. 1943, West Virginia University	D.C.	A.B. 1937, Princeton University	
Jacobi, Wilma Jane		Layne, Aaron Alvis, Jr.	
A.B. 1941, Duke University		A.B. 1943, The George Washington University	

Leonard, Robert Sterling A.B. 1930, The George Washington University	D.C.	Miller, Edith Ilomay B.S. 1915, University of Idaho	Idaho
A.M. 1931, Harvard University		Minno, John A.B. 1938, University of Pittsburgh	Va.
Lexa, Frank Joseph, Jr. A.B. 1943, University of Minnesota	Minn.	Mitchell, Lawrence E. A.B. 1938, Nebraska State Teachers College	Nebr.
Lieberman, Simon Morris Line, Lucille A.B. 1940, University of Montana	D.C. Mont.	Moody, Halbert Jones B.S. in B.A. 1942, University of Arkansas	Ark.
Lizardo, Jose Desierto A.B. 1938, San Francisco State Teachers College	P.I.	Moss, Stanley Samuel B.S.S. 1938, College of the City of New York	Md.
Lockhart, Elizabeth Berkeley A.B. 1927, William and Mary College	Va.	Mullins, Shirley Ida A.B. 1941, University of Connecticut	Conn.
M		Murphy, Jay W. A.B. 1933, University of Illinois J.D. 1943, The George Washington University	Ill.
Mack, Muriel Winifred Mackey, George McLaurine B.S. 1935, Wilson Teachers College A.M. 1940, The George Washington University	D.C. Va.	Murphy, Joan Catherine A.B. 1940, The George Washington University	D.C.
Magurn, Joseph John A.B. 1938, Harvard University	D.C.	Martha, Mary M. A.B. 1938, University of South Dakota	S.D.
Mallick, E. Theodore B.S. in E.E. 1941, Drexel Institute of Technology	Pa.	N	
Maltby, Wilson Ray A.M. 1933, University of Wisconsin	Va.	Naccarato, James Joseph A.B. 1943, Central College	N.Y.
Manning, Bayless Andrew A.B. 1944, Yale University	Mass.	Nassif, Helen Navas-Arana, Jose Enrique Doctor en Derecho 1938, University of Leon	Iowa Nicaragua
Martin, Franklin A.B. 1942, The Citadel	D.C.	Newburg, Bernard M. A.B. 1931, Harvard University LL.B. 1934, University of Louisville	Ky.
Martin, John Gaillard Martin, Raymond John B.B.A. 1937, LL.B. 1940, University of Texas	D.C. Tex.	Nilsen, Sylvia Eugenie A.B. 1939, University of Utah	Utah
Mattimore, Walter Bernard McCarthy, Dennis LL.B. 1939, Georgetown University	N.Y. D.C.	Nix, James C. B.S. in Com. 1942, University of Alabama	D.C.
McClelland, Royce Stanley McConnell, Will Wright McEwan, James Gray McIntyre, Robert Varnon A.B. 1935, The George Washington University	N.C. Va. N.Y. D.C.	Nolte, William Robert B.S. 1942, University of Illinois Nunley, William Torrance A.B. 1940, Marshall College M.S. 1942, Syracuse University	D.C. D.C.
McKenzie, Lawson Morell B.S. 1934, A.M. 1938, The George Washington University	Ind.	O	
McKey, Richard Kendall McKinnon, William Thomas A.B. 1925, A.M. 1926, University of South Carolina	Utah S.C.	Oglesby, Robert Dorsey B.S. 1941, University of Pennsylvania	D.C.
McMillan, George M. McReynolds, James Sloan A.B. 1944, The George Washington University	Utah Ill.	Olson, Carlous LeRoy Orndoff, Mary Ann A.B. 1942, The George Washington University	D.C. Md.
Memler, Willard Robert A.B. 1941, The George Washington University	Va.	Packard, Howard M. B.S. 1932, Northwestern University	Ill. D.C.
Merrell, John Yates A.B. 1942, Brigham Young University	Va.	Page, Helen Bell A.B. 1927, The George Washington University	Md.
Mickelsen, Walter B.B.A. 1933, University of Washington A.M. 1942, The George Washington University	Wash.	Palmer, Carroll Funk B.S. 1940, University of Maryland Ph.D. 1944, University of Pennsylvania	
Millar, Elizabeth Naquin A.B. 1931, San Diego State College A.M. 1932, University of Southern California	Calif.	Pappas, Antonia Nina Partello, Melville Cochran B.S. 1915, United States Naval Academy	D.C. D.C.
Millar, Ronald Kenneth A.B. 1931, San Diego State College	Va.	Partello, Sabina Conlin B.S. in Ed. 1941, University of Southern California M.S. in Soc. Work 1943, Catholic University of America	D.C.
		Patterson, Hugh Strother	Ala.

- Peabody, Martin Hardin  
LL.B. 1942, Mercer University
- Pear, Philip  
A.B. 1941, The George Washington University
- Pederson, Wallace H.  
Pennfeather, Joseph E.  
Perros, George Peter  
A.B. 1940, The George Washington University
- Peterson, Anne  
Petsch, Herbert August  
Pettit, Walter Fitch  
A.B. 1941, Princeton University
- Phillips, Joseph L.  
A.B. 1943, The George Washington University
- Phillips, William Harry  
Picardi, Egidio Alfred  
Pineoek, Dee Whitford  
Pinn, Samuel, Jr.  
B.M.E. 1941, College of the City of New York
- Plowden, Alfred Judson, Jr.  
Pritchard, Edgar Anthony  
Pullen, Jonathon Everett
- Q
- Quesinberry, Elizabeth Geraldine  
B.S. 1940, State Teachers College (Radford, Va.)
- R
- Rado, Alan Rudolph  
J.U.Dr. 1928, University of Bratislava
- Rahter, William Jasper  
Range, Blanche Vandalia  
B.S. 1933, East Tennessee State Teachers College
- Rayburn, Reba Christy  
A.B. 1939, Oberlin College
- Raymond, Anson George  
B.S.E. in Math. 1937, B.S.E. in C.E. 1938, M.S. 1939, University of Michigan
- Reifenyder, C. Frank  
A.B. 1944, The George Washington University
- Reiter, Robert Henry  
B.S. 1942, Ohio State University
- Renaud, Raymond Norbert  
A.B. 1939, Bates College  
M.S. 1941, Catholic University of America
- Richard, Mildred Graham  
A.B. 1929, Municipal University of Wichita  
A.M. 1939, The George Washington University
- Richards, Donald Alford  
B.S. 1940, Washburn College
- Richards, Doris  
A.B. 1940, University of California
- Ritchie, John Milton  
B.S. 1931, Temple University
- Robinson, James Jaquess  
A.B. 1914, Indiana University  
LL.B. 1919, S.J.D. 1930, Harvard University
- Robock, Stefan H.  
A.B. 1938, University of Wisconsin  
A.M. 1941, Harvard University
- Rose, Charles Jules  
A.B. 1942, The George Washington University
- Ga. Rose, John Kerr  
A.B. 1928, A.M. 1931, Indiana University  
D.C. Ph.D. 1935, The University of Chicago
- Minn. Rosen, Ellsworth Reuben  
Md. B.E.E. 1942, Yale University  
D.C. Ross, Murray  
B.S.S. 1935, College of the City of New York  
A.M. 1936, Ph.D. 1941, Columbia University
- Iowa Rothe, Bertha Margarethe  
Wis. A.B. 1934, A.M. 1935, B.S. in L.S. 1940, Syracuse University  
N.J. Rupert, Norma M.  
Tex. Russell, William Franklin  
A.B. 1934, A.M. 1935, Clark University
- Tenn. Ryckoff, Paul Huntley  
D.C. B.S. 1939, Northwestern University
- S
- Sapiro, Allan Leroy  
A.B. 1943, University of California
- Sawyer, Calvin Parker  
A.B., A.M. 1942, University of Chicago
- Va. Scanlon, Alfred Joseph  
A.B. 1941, Columbia University
- Schade, Stanley Greinert  
A.B. 1926, Washington and Jefferson College
- D.C. LL.B. 1929, University of Pittsburgh
- Ohio Shalhoub, Samuel Adams  
Tenn. M.B.A. 1936, B.S. in B.A. 1937, Northeastern University
- N.Y. Schneider, Robert Marlow  
A.B. 1942, University of Michigan
- Va. Schofield, Leslie H.  
B.S. 1934, United States Naval Academy
- Pa. M.B.A. 1941, Harvard University  
A.B. 1942, University of Nebraska
- Ohio Schwartz, Louis  
A.B. 1939, Brooklyn College
- D.C. Scott, Robert McCance  
A.B. 1942, University of Tulsa
- Va. Seibel, Laurence Elias  
B.S. 1940, College of the City of New York
- Shanafelt, Mary Corinne  
A.B. 1940, Trinity College
- Shapiro, Annette Deborah  
A.B. 1943, The George Washington University
- D.C. Sheiner, Leo  
Calif. A.B. 1931, LL.B. 1933, Cornell University
- Va. Shick, James Robert  
A.B. 1940, Pacific University
- Ind. Shreve Mary Fairfax  
A.B. 1935, College of William and Mary
- Wis. Shupe, Walter Carle  
A.B. 1944, The George Washington University
- W.Va. Simm, Eunice Perry  
A.B. 1938, Mount Holyoke College  
LL.B. 1941, Boston University



Simpson, Ellsworth Tenley LL.B. 1941, The George Washington University	Va.	V	Vance, Harrell T., Jr. Van Dam, Henry Drs. at Law 1935, Amsterdam University	Ala. N.Y.
Smith, J. Russel Smith, Jerome Murrill B.S. in B.A. 1935, University of Florida	Utah Fla.		Van Eck, Fred M. M.B.A. 1941, Harvard University	Conn.
Smith, Will Dan Snapp, Roy Baker B.S. 1936, University of Missouri LL.B. 1940, LL.M. 1944, Georgetown University	Mo. Mo.		Vasquez, Carlos A. A.B. 1935, LL.B. 1944, Catholic University (Peru)	D.C.
Snively, Charles Thomas A.B. 1927, Lincoln Memorial University	W.Va.		Vedeler, Harold C. A.B. 1926, University of Iowa Ph.D. 1933, University of Wisconsin	Nebr.
Snyder, Martha Frances Sommers, Raymond O. B.S. 1940, University of Oklahoma	Va. Okla.		Vera, Melecio Guzman Vrahiotes, Helen A.B. 1944, The George Washington University	D.C. D.C.
Sparkman, Joseph Ben. B.S. 1942, Rice Institute	Tex.	W	Warren, John Wayne A.B. 1941, Washburn College	Kans.
Spero, Abraham A.B. 1944, The George Washington University	D.C.		Washington, Bushrod Corbin A.B. 1943, The George Washington University	Pa.
Spindler, Pearl G. A.B. 1940, Hunter College	N.Y.		Watson, Bruce Parish Watson, John William A.B. 1933, Tufts College	D.C. Mass.
Spurlock, Eileen Mae Stalker, Richard Wright B.S. 1931, Oregon State College	W.Va. Ariz.		Welch, Martha Keller Welby, Harvey Albert Werner, Seymour A.B. 1942, The George Washington University	Va. Md. N.Y.
Stanley, Laura May A.B. 1922, Colby College	Maine		West, John Carl A.B. 1942, The Citadel	S.C.
Stein, Ralph Steinberg, Dorothy A.B. 1932, Hunter College	D.C. D.C.		West, Vincent A.B. 1939, Amherst College	Conn.
Steinberg, Jack Norman A.B. 1943, The George Washington University	D.C.		White, Bernard Samuel A.B. 1938, University of Nebraska	Nebr.
Sternberg, Edward M.B.A. 1942, University of Chicago	Ill.		Whyte, Joseph Lawrence B.S. 1936, New York University	N.Y.
Stewart, Charles Leslie, Jr. A.B. 1940, University of Illinois A.M. 1941, Louisiana State University	Ill.		Wiggins, Ronald Luther B.Adm. Eng. 1938, M.S. 1940, Syracuse University	N.Y.
Stewart, Rodney Ward A.B. 1933, Carleton College A.M. 1934, University of Chicago Ph.D. 1938, Harvard University	Va.		Wilkins, William Yarborough, Jr. B.S. 1937, University of North Carolina	N.C.
Still, Samuel Hutchins A.B. 1929, The Citadel	S.C.		Williams, Christobel Mayfield A.B. 1919, Furman University	S.C.
Stine, Wilma Pearl A.B. 1937, Western Reserve University	D.C.		Willis, John William A.B. 1934, University of California at Los Angeles LL.B. 1937, University of Southern California	Calif.
Stockbridge, Henry Patten A.B. 1939, Amherst College	Md.		Wilson, David Jay B.S. 1943, Brigham Young University	Utah
Stoll, Norman A. Ph.B. 1932, LL.B. 1934, University of Wisconsin	Wis.		Wilson, Myron K. B.S. 1928, New York University LL.B. 1931, Harvard University	N.Y.
Tassler, S. Adrienne Taylor, Millie I. A.B. 1932, University of South Carolina	D.C. S.C.		Woods, Russell Marshall Wydra, Miriam A.B. 1941, The George Washington University	Va. N.Y.
Travelstead, Charles Eugene Trent, William Franklin, Jr. LL.B. 1944, University of Tennessee	Ill. Tenn.		Young, Celia Woolever Young, George Wentworth A.B. 1941, Colby College	Mich. N.Y.
Trivers, Howard A.B. 1930, Princeton University A.M. 1932, Ph.D. 1941, Harvard University	Md.		Young, Llewellyn Anker B.S. in E.E. 1938, University of Nevada	D.C.
Underwood, Roy Traxel B.S. in C.E. 1941, Ohio State University	Ohio		Youngblood, Rubye Olson A.B. 1942, The George Washington University	Mont.
Upham, John Dale B.S. in Chem. 1936, University of Oklahoma	Va.			

# SUMMARIES OF REGISTRATION

1944-45

## NUMBER OF REGISTRATIONS

Candidates for the degrees of Bachelor of Laws and Juris Doctor:

First Year .....  
Second Year .....  
Third Year .....

Total.....

Candidates for the degree of Master of Laws.....  
Candidates for the degree of Doctor of Juridical Science.....

Total candidates for degrees.....

Unclassified students .....  
"University students" .....

Total.....

## GEOGRAPHICAL DISTRIBUTION OF STUDENTS

Alabama .....	5	New Jersey .....
Arizona .....	1	New York .....
Arkansas .....	5	North Carolina .....
California .....	12	Ohio .....
Colorado .....	2	Oklahoma .....
Connecticut .....	7	Oregon .....
District of Columbia.....	114	Pennsylvania .....
Florida .....	2	South Carolina .....
Georgia .....	4	South Dakota .....
Idaho .....	2	Tennessee .....
Illinois .....	16	Texas .....
Indiana .....	4	Utah .....
Iowa .....	6	Virginia .....
Kansas .....	2	Washington .....
Kentucky .....	4	West Virginia .....
Louisiana .....	1	Wisconsin .....
Maine .....	2	Wyoming .....
Maryland .....	10	Brazil .....
Massachusetts .....	8	China .....
Michigan .....	4	Nicaragua .....
Minnesota .....	4	Philippine Islands .....
Missouri .....	5	Republic of Panama.....
Montana .....	2	
Nebraska .....	6	
New Hampshire .....	1	
		Total.....

(42)

## GRADUATES OF COLLEGES REGISTERED IN THE LAW SCHOOL

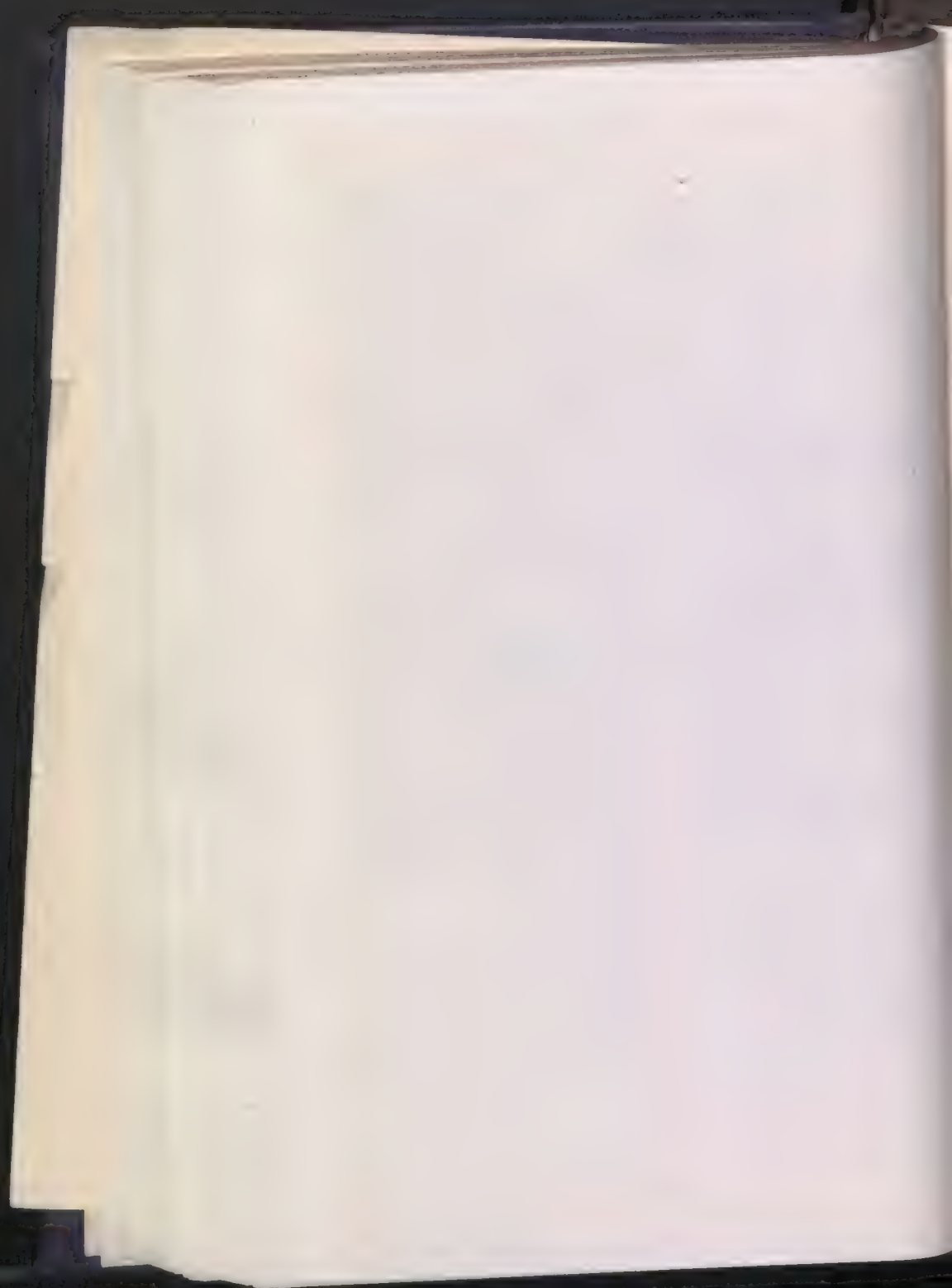
Alabama, University of.....	4	Furman University .....	1
Albertus Magnus College.....	1	George Washington University, The	53
Alma College .....	1	Georgetown University .....	2
American University .....	1	Georgia, University of.....	1
Amherst College .....	3	Grinnell College .....	1
Amsterdam University .....	2	Hamline University .....	1
Antioch College .....	1	Harvard University .....	18
Arizona, University of.....	1	Haverford College .....	1
Arkansas Agricultural and Me-	1	Henderson State Teachers College	1
chanical College .....	2	Hunter College of the City of New	
Arkansas, University of.....	2	York .....	2
Bates College .....	2	Idaho, University of.....	1
Bonn University .....	1	Illinois Institute of Technology...	1
Boston University .....	3	Illinois, University of.....	6
Bratislava, University of.....	1	Indiana University .....	4
Brigham Young University.....	2	Iowa State College.....	1
Brooklyn College .....	3	Iowa, University of.....	2
Budapest, University of.....	1	John B. Stetson University.....	1
California, University of.....	6	Johns Hopkins University.....	1
California, University of, at Los		Kent State College.....	1
Angeles .....	2	Kentucky, University of.....	2
Carleton College .....	1	Lawrence University .....	1
Carson-Newman College .....	1	Leon, University of.....	1
Catholic University (Peru).....	1	Lincoln Memorial University.....	1
Catholic University of America...	1	Louisiana Polytechnic Institute..	1
Central College .....	1	Louisiana State University.....	1
Central Y.M.C.A. College.....	1	Louisville, University of.....	2
Chicago, University of.....	4	Mansfield State Teachers College	1
Cincinnati, University of.....	4	Marshall College .....	2
Citadel, The .....	3	Maryland, University of.....	2
Clark University .....	2	Massachusetts Institute of Tech-	
Colby College .....	1	nology .....	2
College of the City of New York	5	McKendree College .....	1
Colorado School of Mines.....	1	Mercer University .....	1
Colorado, University of.....	1	Michigan State College.....	1
Columbia University .....	7	Michigan, University of.....	3
Connecticut, University of.....	1	Minnesota, University of.....	1
Cornell University .....	3	Missouri, University of.....	2
Dartmouth College .....	1	Montana, University of.....	1
Dayton, University of.....	1	Montclair State Teachers College	1
Dickinson College .....	1	Mount Holyoke College.....	1
Drexel Institute of Technology...	1	Murray State Teachers College..	1
Duke University .....	1	Nebraska State Teachers College	1
East Tennessee State Teachers		Nebraska, University of.....	5
College .....	1	Nebraska Wesleyan University...	1
East Texas State Teachers College	1	Nevada, University of.....	1
Elon College .....	1	New Jersey State Teachers College	1
Emory and Henry College.....	1	New Mexico, University of.....	1
Fenn College .....	1	New York State College for Teach-	
Fletcher School of Law and Di-		ers .....	1
plomacy .....	1	New York University.....	8
Florida State College for Women..	1	North Carolina, University of...	1
Florida, University of.....	1	Northeastern University .....	1



Northwestern University .....	4	Tennessee State Teachers College	1
Oberlin College .....	1	Tennessee, University of .....	1
Ohio State University .....	7	Texas, University of .....	1
Oklahoma City University .....	1	Trinity College .....	1
Oklahoma, University of .....	3	Tufts College .....	1
Oregon State College .....	1	Tulsa, University of .....	1
Pacific University .....	1	Union College .....	1
Park College .....	1	United States Naval Academy ..	1
Peabody Institute .....	1	Utah State Agricultural College ..	1
Pennsylvania, University of .....	6	Utah, University of .....	1
Pittsburgh, University of .....	2	Virginia Polytechnic Institute ..	1
Pomona College .....	1	Virginia, University of .....	1
Princeton University .....	4	Wake Forest College .....	1
Purdue University .....	2	Washburn College .....	1
Rice Institute .....	1	Washington College of Law .....	1
Richmond, University of .....	1	Washington and Jefferson College	1
Rutgers University .....	2	Washington, University of .....	1
St. John's University (N. Y.) .....	1	Wellesley College .....	1
St. Lawrence University .....	1	Wesleyan University .....	1
San Diego State College .....	2	West Virginia University .....	1
San Francisco State Teachers Col- lege .....	1	Western Reserve University .....	1
Seton Hall College .....	1	Whetworth College .....	1
Simmons College .....	1	Willamette University .....	1
Smith College .....	1	William and Mary, College of .....	1
South Carolina, University of .....	3	Williams College .....	1
South Dakota, University of .....	2	Wilson Teachers College .....	1
Southern California, University of ..	2	Wisconsin, University of .....	1
Southern Methodist University .....	4	Wyoming, University of .....	1
Stanford University .....	1	Yale University .....	1
State Teachers College (Indiana, Pa.) .....	2		
State Teachers College (Radford, Va.) .....	1	Total .....	
Stevens Institute of Technology .....	1	Number of college graduates .....	
Syracuse University .....	5	Number of colleges represented ..	
Temple University .....	2	Candidates for degrees who are college graduates .....	
		Per cent .....	

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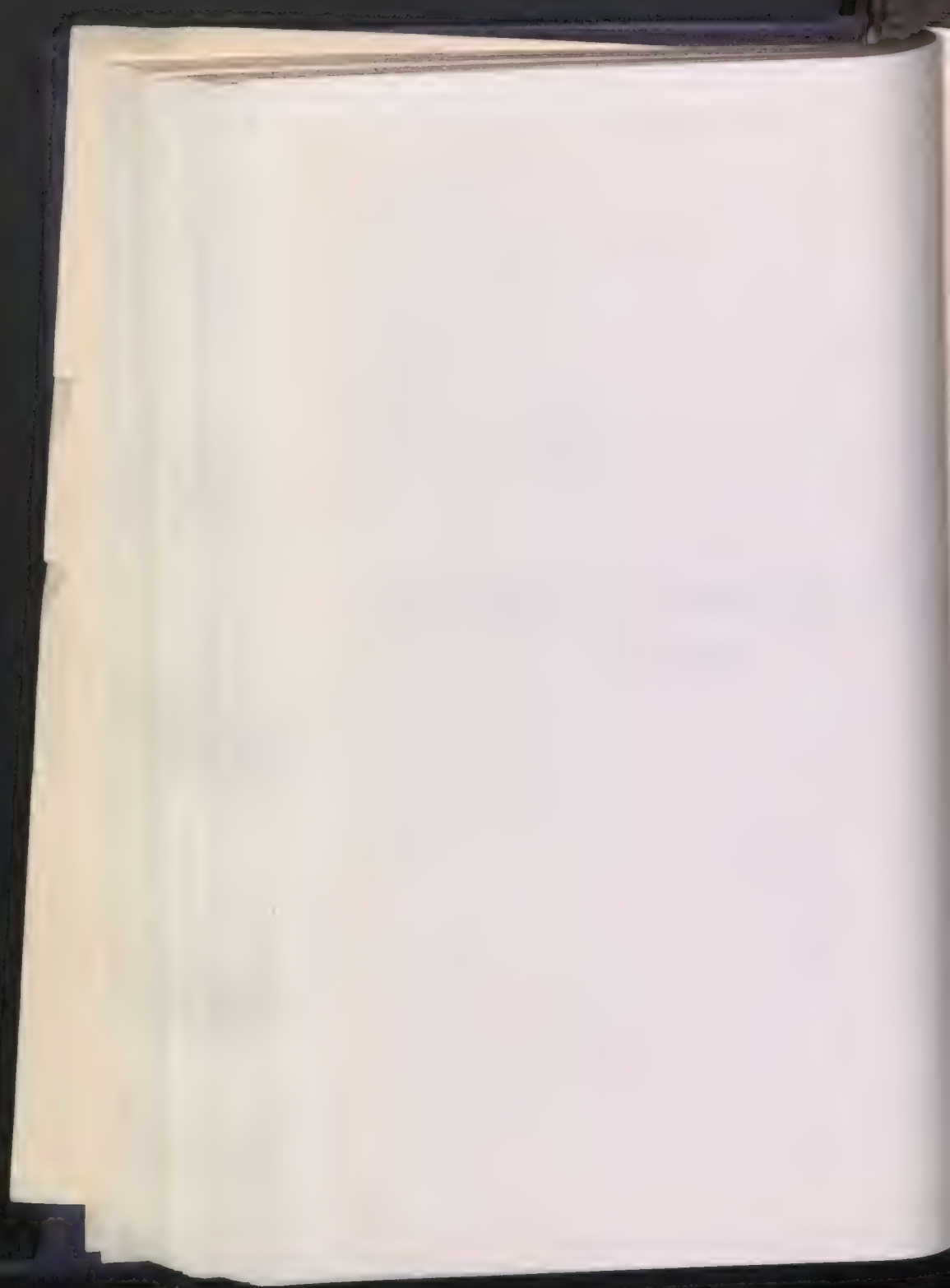
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THE SCHOOL OF MEDICINE

1945-46



THE  
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WASHINGTON  
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BULLETIN

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THE SCHOOL OF MEDICINE

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WASHINGTON, D. C.

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BY THE UNIVERSITY





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# CALENDAR OF THE SCHOOL OF MEDICINE

## 1945-46

### FOR SECOND- THIRD- AND FOURTH-YEAR STUDENTS

Date	Day	Occasion
<b>1945</b>		
<b>SUMMER TERM:</b>		
June 18 .....	Monday .....	Summer term begins
July 4 .....	Wednesday .....	Independence Day. Holiday
Sept. 3 .....	Monday .....	Labor Day. Holiday
Oct. 6 .....	Saturday .....	Last day of classes
Oct. 8-13 .....	Monday through Saturday	Examinations
Oct. 15-20 .....	Monday through Saturday	Recess
<b>FALL TERM:</b>		
Oct. 22 .....	Monday .....	Fall term begins
Nov. 22 .....	Thursday .....	Thanksgiving Day. Holiday
<b>1946</b>		
Dec. 24-Jan. 5..	Monday through Saturday	Christmas recess
Feb. 11-16 .....	Monday through Saturday	Senior Examinations
Feb. 22 .....	Friday .....	University Convocation. Holiday
Feb. 23 .....	Saturday .....	Last day of classes
Feb. 25-March 2	Monday through Saturday	Study period
March 4-9 .....	Monday through Saturday	Examinations

### FOR FIRST-YEAR STUDENTS

<b>1945</b>		
<b>FALL TERM:</b>		
Sept. 17 .....	Monday .....	Fall term begins
Nov. 22 .....	Thursday .....	Thanksgiving Day. Holiday
<b>1946</b>		
Dec. 24-Jan. 5..	Monday through Saturday	Christmas recess
Jan. 26 .....	Saturday .....	Last day of classes
Jan. 28-Feb. 2..	Monday through Saturday	Examinations
Feb. 4-9 .....	Monday through Saturday	Recess
<b>WINTER TERM:</b>		
Feb. 11 .....	Monday .....	Winter term begins
Feb. 22 .....	Friday .....	University Convocation. Holiday
April 19 and 20..	Friday and Saturday....	Easter recess
May 30 .....	Thursday .....	Memorial Day. Holiday
June 8 .....	Saturday .....	Last day of classes
June 10-15 .....	Monday through Saturday	Examinations



## THE BOARD OF TRUSTEES

The Board of Trustees of the University is composed of the President of the University ex-officio and the following persons by election:

Robert Vedder Fleming, LL.D., *Chairman*

\_\_\_\_\_, *Vice Chairman*

Henry Parsons Erwin, A.B., *Secretary*

\*Newell Windom Ellison, A.B., LL.B., *Assistant Secretary*

Avery Delano Andrews, B.S., LL.B.

Clarence Aiken Aspinwall

John St. Clair Brookes, Jr., A.M., LL.B.

\*Bennett Champ Clark, A.B., LL.B.

John Henry Cowles, LL.D.

Homer Cummings, Ph.B., LL.B., LL.D., L.H.D.

Mrs. Joshua Evans, Jr., A.B., Ed.D.

\*George Edgar Fleming, LL.M.

\*Robert Elliott Freer, LL.M., A.B.

\*Thomas Leigh Gatch, Graduate United States Naval Academy, LL.B., LL.D.

Charles William Gerstenberg, Ph.B., LL.B., J.D.

Charles Carroll Glover, Jr., A.M., LL.B.

Ulysses S. Grant, 3d, B.S., Graduate United States Engineers' School

Gilbert Grosvenor, A.M., LL.D., Litt.D.

John Edgar Hoover, LL.M., LL.D.

Alfred Henry Lawson, LL.B.

Theodore Williams Noyes, A.M., LL.M., LL.D.

Mrs. Henry Alvah Strong, LL.D.

Merle Thorpe, A.B.

Walter Rupert Tuckerman, A.B., LL.B.

\*Alexander Wilbourne Weddell, LL.B., Litt.D., LL.D.

Chester Wells, B.S., Graduate United States Naval War College

Lloyd Bennett Wilson

\* Nominated by the alumni.

## OFFICERS OF ADMINISTRATION

### THE UNIVERSITY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Harold Griffith Sutton, M.S., *Director of Admissions*  
Fred Everett Nessel, A.B., *Business Manager*  
John Russell Mason, B.S. in L.S., A.M., *Librarian; Curator of Art*  
\*Mitchell Dreese, Ph.D., *Dean of the Summer Sessions*  
Myrna Pauline Sedgwick, A.B., *Administrative Secretary*  
Henry William Herzog, B.S., *Comptroller*  
Burnice Herman Jarman, A.M., Ed.D., *Registrar; Secretary of*

#### *Faculties*

Daniel LeRay Borden, A.M., M.D., *Director of Health Administration*  
Lester Allan Smith, A.M., *Alumni Secretary*  
Donnell Brooks Young, Ph.D., *Director of Veterans' Education*  
George Howland Cox, *Director of the Inter-American Center*  
\*Claud Max Farrington, A.M., *Adviser on Physical Education*  
Ruth Harriet Atwell, A.M., *Director of Physical Education for Women*  
\*John Rust Busick, A.B., *Director of Athletics*  
Virginia Randolph Kirkbride, A.M., *Adviser on Women's Activities*

### THE SCHOOL OF MEDICINE AND THE UNIVERSITY HOSPITAL AND DISPENSARY

Walter Andrew Bloedorn, A.M., M.D., *Dean of the School of Medicine*  
*Medical Director of the University Hospital*  
Leo Gregor Schmelzer, A.B., *Superintendent of the University Hospital*  
John Alton Reed, A.B., M.D., *Director of the Dispensary*

## FACULTY AND STAFF OF INSTRUCTION IN MEDICINE

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*Professor of Surgery. Consultant and Chief of Service in Surgery, University Hospital; Head of Department, Gallinger Hospital*

RICHARD WALLACE WILKINSON, A.B., M.S., M.D.  
*Associate in Ophthalmology. Associate in Ophthalmology, University and Gallinger hospitals*

FRANK LOUIS WILLIMAN, M.D., M.S. IN MED.  
*Clinical Instructor in Medicine. Associate in Medicine, University Hospital*

IRVING WOLFE WINIK, M.D.  
*Associate in Medicine. Associate in Medicine, University and Gallinger hospitals*

WILLIAM GLENN YOUNG, M.D.  
*Clinical Instructor in Urology. Associate in Urology, University Hospital*

#### SEMINAR LECTURERS

##### HYGIENE AND PREVENTIVE MEDICINE

CHARLES ARMSTRONG, B.S., M.D., Sc.D.  
*Professorial Lecturer in Preventive Medicine*

SARA ELIZABETH BRANHAM, Ph.D., M.D., Sc.D.  
*Professorial Lecturer in Preventive Medicine*

ROBERT CARTER COOK  
*Professorial Lecturer on Medical Genetics*

ROLLA EUGENE DYER, A.B., M.D., LL.D.  
*Professorial Lecturer in Preventive Medicine*

CHESTER WILSON EMMONS, Ph.D.  
*Professorial Lecturer on Medical Mycology*

ALICE CATHERINE EVANS, M.S., M.D., Sc.D.  
*Professorial Lecturer in Preventive Medicine*

JOHN RODERICK HELLER, Jr., B.S., M.D.  
*Professorial Lecturer on Venereal Disease Control*

HERMAN ERTRESVAAG HILLEBOE, B.S., M.D., M.P.H.  
*Professorial Lecturer on Tuberculosis Control*

- CARL JOHN LAUTER, M.S.  
*Professorial Lecturer on Municipal Sanitation*
- ROYD RAY SAYERS, A.M., M.D.  
*Professorial Lecturer on Industrial Hygiene*
- JAMES STEVENS SIMMONS, M.D., Ph.D., Sc.D.  
*Professorial Lecturer in Preventive Medicine*
- ROSCOE ROY SPENCER, A.B., M.D.  
*Professorial Lecturer in Hygiene and Preventive Medicine*
- WILLARD HULL WRIGHT, D.V.M., Ph.D.  
*Professorial Lecturer on Medical Zoology*

### ASSISTANTS

#### ASSISTANTS IN RESEARCH AND INSTRUCTION

- FREDERIC GERARD BURKE, B.S., M.D.  
*Fellow in Pediatrics*
- BERNARD GUERIN, B.S.  
*Teaching Fellow in Biochemistry*
- HAROLD LESTER HIRSH, M.D.  
*Fellow in Medicine*
- ELIZABETH BEACH KELLER, M.S.  
*Sanders Fellow in Biochemistry*
- LUCY LOCKHART McMURRAY, A.B., M.D.  
*Research Fellow in Pediatrics*
- RICHARD EMERY PALMER, M.D.  
*Teaching Fellow in Pathology*
- ASTRID RIFFOLT, B.S.  
*Sanders Fellow in Bacteriology*
- BERIDGE RUTH ROBERTSON, A.B., M.D.  
*Fellow in Pediatrics*
- GEORGINE ROTMAN-KARKA, M.D.  
*Fellow in Medicine*

#### TECHNICAL ASSISTANTS

- BENJAMIN LESTER ARCHER  
*Laboratory Assistant in the School of Medicine*
- ROBERT BERRY  
*Technician in Biochemistry*
- PATRICIA LAWRENCE HORGER, B.S.  
*Technician in Clinical Pathology*
- CARROLL WIRT LAWRENCE  
*Technician in Bacteriology*
- CLARENCE WILBUR MILLER  
*Technician in Pathology*



CAYETANO NAGAC, A.B.  
*Technician in Pathology*  
LOUISE CONKEY POWELL, A.B.  
*Technician in Physiology*  
ANN BROWNING SNODGRASS, A.B.  
*Technician in Neurology*  
PHYLLIS STURROCK  
*Technician in Physiology*  
ROBERT BROWNING SULLIVAN, A.B., M.D.  
*Resident in Pathology*  
ROLLAN SWANSON  
*Technical Assistant in Pharmacology*  
LOUISA WELLS  
*Orthoptic Technician*

## ADMINISTRATIVE ASSISTANTS

## THE SCHOOL OF MEDICINE

Catherine Breen, *Assistant to the Dean of the School of Medicine*  
Betty Hill Reavis, A.M., *Assistant Librarian, Medical Library*  
Mary Louise Moore, *Secretary*  
Mary Frances Merz, A.B., *Secretary*  
Naomi Earl Rook, *Secretary*  
Anne Elizabeth Schnepfe, *Secretary*  
Charlotte Nevins Miller, *Secretary*

## THE UNIVERSITY HOSPITAL

Jane Ridenour Terry, R.N., *Superintendent of Nurses*  
Tommie Jones Bolton, *Secretary to the Medical Director*  
Catherine Elta Nichols, *Bookkeeper*  
Carmen Baker, *Assistant Bookkeeper*  
Janet Wetherbee, *Dispensary Clerk*  
Theodosia Foxwell Garnett, M.T., S.R.N., *Laboratory Supervisor*  
Isabel Petrie, M.T., *Laboratory Technician*  
Anne Mendelson, A.B., *Laboratory Technician*  
Leopold Henry Forster, Phar.G., *Pharmacist*  
Bernard Robert Cooperman, *X-Ray Technician*  
Mary Holden Philbrick, *Dietitian*  
Margaret Scruggs French, *Record Librarian*

## THE SCHOOL OF MEDICINE

### THE FACULTY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Walter Andrew Bloedorn, A.M., M.D., *Dean of the School of Medicine*

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Joseph Hiram Roe, Ph.D., *Professor of Biochemistry*  
Walter Freeman, Ph.D., M.D., *Professor of Neurology*  
Walter Andrew Bloedorn, A.M., M.D., *Professor of Medicine*  
Charles Stanley White, M.D., *Professor of Surgery*  
Errett Cyril Albritton, A.B., M.D., *Professor of Physiology*  
Roger Morrison Choisser, B.S., M.D., *Professor of Pathology*  
Winfred Overholser, A.B., M.D., Sc.D., *Professor of Psychiatry*  
Leland Wilbur Parr, Ph.D., *Professor of Bacteriology*  
Frederick August Reuter, M.D., *Professor of Urology*  
Harry Ford Anderson, M.D., *Professor of Dermatology and Syphilology*  
Claude Matthews McFall, LL.B., Ph.D., *Professor of Anatomy*  
Daniel Bruce Moffett, A.B., M.D., *Professor of Oto-rhino-laryngology*  
James Emory Phillips, M.D., Lieutenant Colonel, Medical Corps, United States Army, *Professor of Military Science and Tactics*  
John Louis Parks, M.S., M.D., *Professor of Obstetrics and Gynecology*  
Preston Alexander McLendon, B.S., M.D., *Professor of Pediatrics*  
Ernest Alfred Watson Sheppard, M.D.C.M., *Professor of Ophthalmology*  
\*Howard Francis Kane, A.B., M.D., *Clinical Professor of Obstetrics and Gynecology*  
William Herndon Jenkins, M.D., *Clinical Professor of Oto-rhino-laryngology*  
Radford Brown, M.D., *Clinical Professor of Obstetrics and Gynecology*  
Thomas Carlton Thompson, B.S., M.D., *Clinical Professor of Urology*  
Daniel LeRay Borden, A.M., M.D., *Clinical Professor of Surgery*  
James Winston Watts, B.S., M.D., *Clinical Professor of Neurosurgery*  
Chester Elwood Leese, Ph.D., *Associate Professor of Physiology*  
Thomas Martin Peery, A.B., M.D., *Associate Professor of Pathology*  
Angus MacIvor Griffin, Ph.D., *Associate Professor of Bacteriology*  
Frank Adelbert Hornaday, M.S., M.D., *Associate Clinical Professor of Medicine*  
Leo Schmelzer, *Superintendent of the University Hospital*

\* On war leave 1945-46.

## COMMITTEES\*

## THE DEAN'S COUNCIL

Winfred Overholser

Joseph Hiram Roe

Charles Stanley White

## COMMITTEE ON ADMINISTRATION OF THE UNIVERSITY HOSPITAL AND DISPENSARY

Walter Andrew Bloedorn, *Chairman*

John Louis Parks

Leo Schmelzer

Charles Stanley White

## COMMITTEE ON ADMISSIONS

Joseph Hiram Roe, *Chairman*

Leland Wilbur Parr

## COMMITTEE ON CURRICULUM

Roger Morrison Choisser, *Chairman*

Leland Wilbur Parr

Harry Filmore Dowling

## COMMITTEE ON GRADUATE STUDIES

Errett Cyril Albritton, *Chairman*

Walter Freeman

Ira Rockwood Telford

## COMMITTEE ON POST-WAR PROGRAM

John Louis Parks, *Chairman*

Donald Harrison Stubbs

Joseph Hiram Roe

Thomas Martin Peery

Leland Wilbur Parr

## COMMITTEE ON LIBRARY

Chester Elwood Leese, *Chairman*

Thomas Martin Peery

Harry Ford Anderson

## COMMITTEE ON RESEARCH

Roger Morrison Choisser, *Chairman*

Angus MacIvor Griffin

Ira Rockwood Telford

Harry Filmore Dowling

## COMMITTEE ON SCHOLARSHIP

Leland Wilbur Parr, *Chairman*

Joseph Hiram Roe

John Louis Parks

Chester Elwood Leese

\* The President of the University and the Dean of the School of Medicine are members *ex officio* of all committees.



## GENERAL INFORMATION

### INTRODUCTORY

The School of Medicine of The George Washington University was opened in March 1825; of the medical schools now in existence in the United States, it is the eleventh in chronological order of founding. The University Hospital and Dispensary were established in 1898 and made a part of the organization of the School.

The School is a member of the Association of American Medical Colleges and is one of the medical colleges which have been designated continuously as "class A" by the American Medical Association. The degrees of the School of Medicine are recognized by all state examining boards.

### PLAN OF INSTRUCTION

The George Washington University School of Medicine, recognizing the urgent need for medical services during the war period, has reorganized its course to permit the completion of the customary four academic years in three calendar years. Each academic year will be composed of two terms totaling thirty-six weeks. A new class will be admitted once a calendar year. In approving the plan adopted by the Faculty of the School of Medicine, the Board of Trustees authorized its continuance for the duration of the war.

### EQUIPMENT AND FACILITIES

*The George Washington University Hospital.*—With the aid of a grant from the Federal Works Administration in the amount of \$2,700,000.00, a new 400 bed hospital is being constructed. It will occupy the block bounded by 22d Street, 23d Street, I Street, and Washington Circle on Pennsylvania Avenue, North West. Its purpose is to supplement the existing hospital resources of the District of Columbia for the care of patients, the education of physicians and nurses, and the advancement of medical knowledge.

The new hospital will be staffed and controlled by the faculty of the George Washington University School of Medicine. Upon completion, it will provide excellent clinical material for the instruction of medical students. Virtually every specialty in the field of medicine and surgery will have especially assigned space and equipment in this splendid new institution.

The present hospital and dispensary are adjacent to the School of Medicine.

*Medical School Building.*—The building housing the School of Medicine is a five-story structure with lecture rooms and classrooms, laboratories, and students' rooms.

*Laboratories.*—A four-story laboratory building is adjacent to the main medical building. The major laboratories are for anatomy, histology and embryology, bacteriology, hygiene and preventive medicine, biochemistry, pathology, pharmacology and physiology, and clinical microscopy. They are fully equipped to enable students to pursue adequately the laboratory courses and to acquire the technical skill necessary in modern clinical and investigative work.

*Medical Library.*—The Library contains a selected reference collection of more than 5,000 volumes, and provision is made to add to it the important new medical works. The principal medical periodicals are received regularly.

#### GOVERNMENT LIBRARIES AND MUSEUMS

The Library of the Surgeon General's Office of the United States Army is the most complete general medical library in the world. In addition to its great collections of medical works, all leading medical periodicals of the world are available. This Library, as well as the Library of Congress, the Public Library, and the many excellent libraries of the various government departments, is available to students and teachers through a service maintained by the Medical School Library.

The Army Medical Museum affords opportunity for studying the conditions met in military and general medicine and surgery. Its collection of anatomical and pathological specimens is unequalled by any other museum in this country. The Museum of Hygiene, the National Museum, the Smithsonian Institution, the Botanic Gardens, and the Department of Agriculture all afford opportunities for study in Medicine and its allied sciences.

#### CLINICS

The city of Washington, with about a million inhabitants, provides ample clinical material. The University Hospital and Dispensary furnish clinical facilities and a large proportion of the materials studied in the courses in pathology and clinical pathology.

*The University Hospital.*—All clinics are under the supervision of the Dean, who is also Medical Director of the Hospital. This insures the highest possible utilization of available clinical material for teaching purposes and the proper supervision of clinicians and students; it brings the individual student into direct contact with patients and requires him to do, under authoritative supervision, the clinical and laboratory work necessary for diagnosis and treatment; and it permits proper interpretation of the conditions occurring during the progress of cases and promotes the keeping of adequate records. Clinical and clinico-pathological conferences are held in which the history of cases, the physical findings, labora-

tory records and the post-mortem pathology when available, are presented and correlated.

*The University Dispensary.*—The Dispensary has a large out-patient service in all departments, to which several thousand visits are made annually. Fourth-year students are assigned in rotation by sections for clinical instruction in the Dispensary.

*Gallinger Municipal Hospital.*—Clinical instruction is available in all branches of medicine. A great wealth of clinical material is afforded in this hospital by ordinance of the municipal authorities of the District of Columbia, whereby one half of the patients are assigned for treatment and clinical teaching to members of the Faculty of this School, nominated by this University. Third-year students serve their clinical clerkships at this institution.

*Children's Hospital.*—Clinical instruction in pediatrics, dermatology, and orthopedic surgery.

*Emergency Hospital and Central Dispensary.*—Clinical instruction in medicine, surgery, obstetrics and gynecology, and the specialties.

*Garfield Memorial Hospital.*—Clinical instruction in gynecology and obstetrics in the out-patient department, on the wards, and in the operating room.

*St. Elizabeths Hospital.*—Clinical instruction in mental and nervous diseases, medicine, post-mortem work, and gross pathology. This hospital, with five and one-half thousand beds, is maintained by the United States Government. The psychiatric clinic is one of the largest in the world.

*Episcopal Eye, Ear and Throat Hospital.*—Clinical instruction in ophthalmology, otology, rhinology, and laryngology.

*Columbia Hospital.*—Clinical instruction in gynecology and obstetrics in the out-patient department, on the wards, and in the operating room.

#### ADMISSION

Sixty hours of credit applicable toward a degree in this University or another college of liberal arts and sciences are required for admission to the School of Medicine.

A credit hour represents one class hour or a minimum of two laboratory hours a week for a period of one term of approximately fifteen weeks.

#### SPECIFIC EDUCATIONAL REQUIREMENTS

##### Secondary School Requirements

Of the fifteen secondary school units required, three must be in English, two in one foreign language (ancient or modern), one in algebra, one in geometry, one in history, and one in science (botany, chemistry, physics, or zoology). Eleven of the units offered must be in English, foreign language, mathematics, science, and history.



## Premedical College Requirements

## SIXTY CREDIT HOURS

1. Chemistry, sixteen credit hours as follows: (a) eight credit hours in general inorganic chemistry, of which at least four credit hours are laboratory work (qualitative analysis may be counted as general inorganic chemistry); (b) eight credit hours or a one-year college course of organic chemistry, including laboratory work.
2. Physics, eight credit hours, of which at least two credit hours are laboratory work. It is recommended that this course be preceded by one in trigonometry.
3. Biology, eight credit hours, of which at least four credit hours are laboratory work. This requirement may be satisfied by a course of eight credit hours in either general biology or zoology, or by four credit hours each in zoology and botany, but not by botany alone.
4. English composition and literature, six credit hours: the usual introductory college course or the equivalent. The student should develop facility in speaking and writing English.
5. Modern foreign language: a reading knowledge, preferably of French or German.
6. Electives. It is recommended that the remaining credit hours required include: (a) comparative vertebrate anatomy; (b) qualitative and quantitative chemical analysis; (c) social science and psychology.

## ADVANCED STANDING

A student who has satisfactorily attended one or two years at any other "class A" medical school, and who has the necessary preliminary educational requirements, may be admitted to advanced standing.

## APPLICATION FOR ADMISSION

1. Full directions for application will be furnished on request. The applicant should ask the registrar of each college previously attended to send an official transcript of record to the Director of Admissions, The George Washington University. Photostatic copies of credentials without the original signature of the certifying authority are not satisfactory.
2. A recent photograph, with signature, is required of each applicant.
3. As the number of qualified applicants for admission to the School each year far exceeds its capacity, the candidate for admission should secure from the colleges attended completely compiled premedical credentials and send them for evaluation well in advance of the term for which he is applying.
4. A fee of \$3 to defray the costs of completing the records for final consideration for admission must accompany each application.

## REGISTRATION AND ADMISSION TO CLASSES

Registration in the School of Medicine is for a period of one academic year (two successive terms). After the student has entered the courses of instruction he is obligated for the full tuition for the academic year. No part of the tuition will be refunded upon withdrawal or dismissal for any cause. Acceptance by the School of a student's fees does not in any way obligate the School to accept the student for any subsequent year, and the right is reserved to drop any student from the School whenever, in the interest of the student or the School, the Faculty deems it advisable to do so.

Students are admitted to classes on presentation of the Comptroller's ticket, which is issued when all required fees have been paid.

## FEES AND FINANCIAL REGULATIONS

The following fees have been adopted:

University fee, for each term or for any part thereof.....	\$8.00
Tuition fee, for each academic year.....	534.00
Fee for special examinations, for each subject.....	5.00
Graduation fee .....	20.00

## UNIVERSITY FEE

Payment of the University fee, charged all students, covers all expenses incident to registration and, in addition, secures to them the following University privileges: (1) the issuance of three certified transcripts of record, if and when desired; (2) the services of the Placement Office; (3) the use of the University library facilities, except as otherwise designated; (4) gymnasium privileges; (5) admission to all athletic contests, unless otherwise specified; (6) subscription to the *University Hatchet*, the student newspaper; (7) admission to University debates; (8) medical attention and hospital services as described under Health Administration, page 25. These privileges, however, with the exception of the issuance of transcripts, terminate, and a student is no longer in residence, when he withdraws or is dropped from the University.

## PAYMENT OF FEES

Fees for each term (including the University fee) are \$275, payable in advance.

All fees are payable at the Office of the Cashier of the University, 725 Twenty-first Street NW. Fees due must be paid at the time of registration; no student is permitted to complete registration or to attend classes until fees are paid.

On account of the many applications for admission, and as the size of each class is limited, places can be reserved only for those qualified applicants who remit a deposit of \$100 which will be credited toward

the tuition of the first term. Should unusual circumstances arise whereby the matriculant is unable to attend, this initial payment, less a charge of \$50 for registration, transfer, etc., will be returned up to one month before the opening of the session.

Students will be required to pay for injury to apparatus and other University property. All breakage and loss not directly traceable to an individual student are assessed pro rata. Each student is required, at the completion of laboratory courses, to replace or pay for all articles of equipment which he has lost, broken, or destroyed. Credit for work will not be given until this is done.

#### COST OF TEXTBOOKS AND STUDENT EQUIPMENT

The minimum cost of necessary textbooks and student equipment (microscope, drawing materials, glass slides, clinical thermometer, stethoscope, hemocytometer, etc.) is approximately as follows: first year, \$250; second year, \$100; third year, \$75; fourth year, \$75; total \$500.

#### LOAN FUNDS

For information concerning loan funds consult the Chairman of the Committee on Student Loans and Scholarships, The George Washington University.

#### LIVING ACCOMMODATIONS FOR WOMEN

*The Hattie M. Strong Residence Hall for Women.*—Applications for room reservations in this hall should be made well in advance of the term for which reservations are desired. Effective September 1, 1945, single rooms with breakfast and dinner are \$56 a month; double rooms with the same service are \$50 a month a person. These prices are subject to change without notice. Forms for application, together with detailed information, may be obtained from the Adviser on Women's Activities.

#### REGULATIONS

*Students in the School of Medicine are subject to, and are expected to familiarize themselves with, the general University regulations stated in the University Catalogue.*

#### ABSENCE

Absence is not allowed unless an excuse is obtained from the Dean or the instructor.

Absence consists in being away from a class or clinic during a scheduled period, entering after the class or clinic has begun, or leaving before either is dismissed.

Excuse for absence due to sickness must be accompanied by a certificate signed by the attending physician and must be filed in the Office of the Dean.



For every unexcused absence a department will deduct one-half of one per cent from the student's final grade in the subject involved.

#### GRADES

The following grading system is used: *A* (90-100); *B* (80-89); *C* (75-79); *D* (65-74), condition; *E* (below 64), failure; *Inc.*, incomplete. The passing grade in each subject is *C*.

#### FAILURE

A student who has failed in any subject will not be advanced until such failure is removed and then only by authority of the Committee on Scholarship. All conditions must be removed at the next make-up examination period provided for this purpose.

#### EXAMINATIONS

Examinations which may be written, oral, or practical, will be held at the end of each term.

A student who fails to appear at a regularly scheduled final examination will not be examined until the next regular examination, except by special permission of the Committee on Scholarship. For make-up examinations to remove conditions, a fee of \$5 will be charged for each subject.

All students in the School of Medicine are required to take Part I and Part II of the National Board Examinations, except that students from those states and foreign countries which do not recognize the National Board may be exempted from Part II by action of the Committee on Scholarship.

#### SPECIAL UNDERGRADUATE AND GRADUATE ADVANTAGES

##### HEALTH ADMINISTRATION

The payment of the University fee entitles students to health services hereinafter described. Through reports from the students and University officials, the University attempts to keep informed as to all cases of illness among its students. This service is primarily diagnostic in its intent. It also provides first aid in the event of an emergency.

Medical privileges include: (1) the physical examination of all entering students; (2) three visits by the University physician or surgeon, office or residence (District of Columbia) in any one illness, exclusive of a specialist, surgical operation, laboratory, or X-ray examination; (3) hospitalization, including board, medicine, and nursing in the University Hospital for not more than two weeks during an academic year—the necessity to be determined by the Director of Health Administration. The duration of hospitalization period (maximum, two weeks) is also to be determined by the Director of Health Administration.

This medical benefit does not apply to illness or disability incurred previous to the University term or prior to payment of the University registration fee.

Students are allowed, if they so desire, to engage physicians and nurses of their own choice, but when they do so they will be responsible for the fees charged.

Rules: (1) The Director of Health Administration is empowered to limit or deny the medical benefits where, in his discretion, a student has, by his misconduct or breach of the rules of the University, made himself ineligible; (2) the Director of Health Administration has authority to determine the necessity and length of hospitalization; (3) students who have severed their connection with the University are ineligible for medical benefits.

#### PHYSICAL EXAMINATIONS\*

All first-year students are given a comprehensive physical examination by the Department of Health Administration upon admission to the School of Medicine. The students are informed of the findings and advised regarding such measures as will tend to maintain a high standard of health.

In addition medical students benefit from the complete Tuberculosis Case Finding Program which the School has maintained since 1938-39. Under this program all students receive tuberculin tests, X-ray examinations, and such special attention from chest specialists as is necessary to reduce to a minimum the dangers from tuberculosis to which medical students are believed to be subject. Students are immunized against those diseases for which proven prophylactics exist.

#### AWARDS AND HONOR SOCIETIES

*John Ordronaux Prize.*—This prize of \$45 is awarded annually to the member of the graduating class of the School of Medicine who has completed the four-year medical course with the highest scholastic standing.

*William Beaumont Medical Society.*—Medical students showing unusual ability are elected by the active members of this society, which was founded to encourage and stimulate individual investigation.

*A. F. A. King Obstetrical Society.*—The fifteen students in the third and fourth year classes who maintain the highest grades in their work in obstetrics are eligible for membership.

*Smith-Reed-Russell Society.*—Students of the third and fourth years who maintain a scholastic average of 86 per cent are eligible for associate membership.

\* A charge of \$2 is made if a student fails to appear for a physical examination during the period set for this purpose.

## MILITARY AND NAVAL SERVICE

In lieu of the Medical ROTC Unit in the School of Medicine, medicomilitary training is maintained under the Army Specialized Training Program and the Navy V-12 Program. Officers and specially trained enlisted men of the two services are detailed to the institution for the conduct of such training.

The schedules of instruction of these units cover the entire four academic years and, upon satisfactory completion of these courses, graduates are appointed respectively as First Lieutenants in the Medical Corps of the Army of the United States and Lieutenants, Junior Grade, in the Medical Corps of the United States Naval Reserve. Upon completion of a year's internship, now curtailed to nine months, these officers are called to active duty in the respective services.

## HOSPITAL APPOINTMENTS

Interns and residents are appointed annually in the University Hospital. Students who, after graduation, desire internships in other hospitals should apply directly to the institution which they wish to enter. A list of hospitals approved for intern training is published annually in the *Journal of the American Medical Association*, and a copy of the list may be consulted in the Office of the Dean.

## COMMISSION ON LICENSURE, DISTRICT OF COLUMBIA

Graduates who wish to take the examinations of the Commission on Licensure, District of Columbia, or desire to use the District license for reciprocity with the states, should apply to the Secretary, Commission on Licensure, Healing Arts Practice Act, District Building, Washington, D. C.

## UNIVERSITY MEDICAL SOCIETY

The George Washington University Medical Society was established in 1905. All alumni and members of the Faculty are eligible for membership on election. Meetings of the Society are held in the School of Medicine on the third Saturday evening of each month from October to May. Senior students are invited to attend the meetings of this Society.

## DEPARTMENTS OF INSTRUCTION

The work of the School is organized under the following departments: Anatomy; Bacteriology, Hygiene, and Preventive Medicine; Biochemistry; Dermatology and Syphilology; Medicine; Military Science and Tactics; Neurology; Obstetrics and Gynecology; Ophthalmology; Otorhino-laryngology; Pathology; Pediatrics; Pharmacology and Therapeutics; Physiology; Psychiatry; Surgery; and Urology.



### CLINICS

Courses of clinical instruction are included in the announcements of the clinical departments. The Dean prepares schedules of clinics and of student section assignments to the various hospitals and dispensaries.

### THE DEGREE OF DOCTOR OF MEDICINE

Upon the satisfactory completion of the requirements of the School of Medicine, the degree of Doctor of Medicine is conferred.

### REQUIREMENTS FOR THE DEGREE

Every candidate for graduation with the degree of Doctor of Medicine must be at least twenty-one years of age, of reputable character, and free of all indebtedness to the University. He must have satisfied the admission requirements, completed satisfactorily not less than four academic years of study as a matriculated student in Medicine, completed all required courses, and passed satisfactorily all prescribed examinations.

### COMBINED ARTS AND MEDICINE CURRICULUM

The candidate registers in the Junior College for the freshman and sophomore years of the premedical curriculum and in Columbian College for the junior year. In order to be recommended for the degree of Bachelor of Arts, he must complete at least ninety credit hours of prescribed college work exclusive of Physical Education (at least thirty credit hours and one year of residence must be completed in Columbian College), and the first year of the medical curriculum. Upon satisfactory completion of the fourth year in the medical curriculum the student becomes eligible for the degree of Doctor of Medicine.

### HONORS

A candidate who has completed the four-year medical course with an average grade of *A* may be recommended for graduation "with distinction".

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For application blanks and further information, address the Director of Admissions, The George Washington University, Washington, D. C.

## COURSES OF INSTRUCTION

On the following pages of this BULLETIN, under the alphabetically arranged names of the departments of instruction, are listed the courses of instruction offered by the School of Medicine. The courses here listed are subject to some slight change. The University reserves the right to withdraw any course announced.

### EXPLANATION OF COURSE NUMBERS AND SYMBOLS

The number which precedes the name of a course indicates the term of the academic year in which that course is offered. An odd number indicates that the course is offered in the first term; an even number, that it is offered in the second term; and a double number (e.g., 343-44), that it begins in the first term and continues in the second.

A number in parentheses after the name of a nonprofessional course, indicates credit hours.

First-year courses are numbered from 101 to 200; second-year courses, from 201 to 300; third-year courses, from 301 to 400; and fourth-year courses, from 401 to 500.

## ANATOMY

Claude Matthews McFall, LL.B., Ph.D., *Professor of Anatomy, Executive Officer*

Ira Rockwood Telford, Ph.D., *Assistant Professor of Anatomy*

Paul Calabrisi, A.M., *Assistant Professor of Anatomy*

101 *Gross Anatomy* McFall and Staff  
Instruction in osteology, followed by the careful dissection and study of the entire body. Fifteen hours a week.

103 *Histology and Embryology* The Staff  
The histogenesis and microscopic structure of the tissues and organs of the human body. Twelve hours a week.

104 *Neuro-Anatomy* The Staff  
Fifteen hours a week.

203-4 *Research* The Staff  
Hours and credits to be arranged.



## BACTERIOLOGY, HYGIENE, AND PREVENTIVE MEDICINE

Leland Wilbur Parr, Ph.D., *Professor of Bacteriology, Executive Officer*  
 Ralph Gregory Beachley, M.D., Dr.P.H., *Adjunct Professor of Public  
 Health Practice*  
 Angus MacIvor Griffin, Ph.D., *Associate Professor of Bacteriology*  
 Mary Louise Robbins, Ph.D., *Instructor in Bacteriology*

### SEMINAR LECTURERS

Roscoe Roy Spencer, A.B., M.D., *Professorial Lecturer in Hygiene and  
 Preventive Medicine*  
 Charles Armstrong, B.S., M.D., Sc.D., *Professorial Lecturer in Pre-  
 ventive Medicine*  
 Rolla Eugene Dyer, A.B., M.D., LL.D., *Professorial Lecturer in Pre-  
 ventive Medicine*  
 Royd Ray Sayers, A.M., M.D., *Professorial Lecturer on Industrial  
 Hygiene*  
 Sara Elizabeth Branham, Ph.D., M.D., Sc.D., *Professorial Lecturer in  
 Preventive Medicine*  
 Alice Catherine Evans, M.S., M.D., Sc.D., *Professorial Lecturer in Pre-  
 ventive Medicine*  
 Chester Wilson Emmons, Ph.D., *Professorial Lecturer on Medical My-  
 cology*  
 Willard Hull Wright, D.V.M., Ph.D., *Professorial Lecturer on Medical  
 Zoology*  
 James Stevens Simmons, M.D., Ph.D., Sc.D., *Professorial Lecturer in  
 Preventive Medicine*  
 John Roderick Heller, Jr., B.S., M.D., *Professorial Lecturer on Venereal  
 Disease Control*  
 Herman Ertresvaag Hilleboe, B.S., M.D., M.P.H., *Professorial Lec-  
 turer on Tuberculosis Control*  
 Carl John Lauter, M.S., *Professorial Lecturer on Municipal Sanitation*  
 Robert Carter Cook, *Professorial Lecturer on Medical Genetics*

### 112 General Bacteriology (4)

Griffin  
 A study of the fundamentals of bacteriology, including industrial and  
 hygienic applications. Several groups of bacteria, yeasts, and molds  
 are studied in the laboratory. Material fee, \$7.50. Tues., Thurs., and  
 Sat., 9:10 A.M. to 12:00 M.

- 209 *Bacteriology, Parasitology, and Immunology* Parr, Griffin  
Bacteriological technique study of micro-organisms and parasites related to medical and hygienic problems. Methods of diagnosis are stressed and immunological procedures and theory fully treated. Eighteen hours a week for fourteen weeks.
- 210 *Immunology and Serology* Griffin  
Prerequisite: Bacteriology 112 or 209. One hour a week.
- 220 *Fundamentals of Hygiene and Preventive Medicine (2)* Parr and Staff  
An introduction to the study of preventive medicine and hygiene, involving subject matter suitable for the student of medicine who has not yet had clinical training. Two hours a week.
- 303-4 *Research in Bacteriology* The Staff  
Hours and credits to be arranged.
- 305-6 *Staff Seminar (1-1)* Parr and Staff  
Bi-weekly throughout the year.
- 401-2 *Public Health Practice* Beachley  
The application of the principles of preventive medicine in health department practice. One hour a week.

## BIOCHEMISTRY

Joseph Hiram Roe, Ph.D., *Professor of Biochemistry, Executive Officer*

\*Arnold Kent Balls, Ph.D., *Adjunct Professor of Enzymology*

William Henry Sebrell, Jr., M.D., *Professorial Lecturer on Nutrition*

Carleton Raymond Treadwell, Ph.D., *Assistant Professor of Biochemistry*

†Oliver John Irish, Ph.D., *Instructor in Biochemistry*

Mary Barbara Mills, M.S., *Instructor in Biochemistry*

113-14 *Biochemistry* Roe and Staff  
Physiological and clinical chemistry for the first-year medical student.  
Tues. and Thurs., 1:00 to 5:00 P.M. Two lectures and two three-hour laboratory periods a week.

221-22 *Biochemistry (2-2 or 4-4)* The Staff  
A lecture (2-2) and laboratory (2-2) course for nonmedical students.  
Prerequisite: Chemistry 152. Material fee, \$12 a term. Hours to be arranged.

224 *Biochemistry of the Enzymes (elective)*  
Lecture course dealing with the biochemistry of the enzymes and enzyme reactions. Prerequisite: Biochemistry 113 or 221. (Not offered in 1945-46.)

225 *Biochemical Preparations* The Staff  
Material fee, \$10. Hours and credits to be arranged.

226 *Biochemical Laboratory Methods* The Staff  
Material fee, \$10. Hours and credits to be arranged.

227-28 *Biochemistry Seminar (1-1)* Roe  
The current literature in the field of biochemistry, mainly for graduate students, but open to a limited number of specially qualified medical students. Fri., 4:45 P.M.

229-30 *Research in Biochemistry* Roe  
Hours and credits to be arranged.

231-32 *Nutrition (1-1)* Roe and Staff  
For graduate students and qualified medical students (elective).  
Lecture course on the science of nutrition. Prerequisite: Biochemistry 114 or 222. (Not offered in 1945-46.)

404 *Applied Nutrition (1)* Sebrell  
For senior medical students and graduate students. Lecture course upon dietary requirements, deficiency diseases, and therapeutic diets.  
Prerequisite: Biochemistry 114 or 222. Tues., 8:00 A.M.

\* On leave of absence 1945-46.  
† On war leave 1945-46.



## DERMATOLOGY AND SYPHILOLOGY

Harry Ford Anderson, M.D., *Professor of Dermatology and Syphilology, Executive Officer*

George William Creswell, A.B., M.D., *Associate in Dermatology and Syphilology*

Hayden Kirby-Smith, B.S., M.D., *Associate in Dermatology and Syphilology*

Leon Hugh Warren, A.B., M.D., M.S. in Med., *Clinical Instructor in Dermatology and Syphilology*

Adolph Rostenberg, Jr., A.B., M.D.C.M., *Clinical Instructor in Dermatology and Syphilology*

George Davis Weickhardt, M.D., *Clinical Instructor in Dermatology and Syphilology*

313-14 *Dermatology and Syphilology* Anderson  
Lectures on diseases of the skin and syphilis. One hour a week.

316 *Neurosyphilis* Weickhardt  
Lectures, clinical demonstrations, and practical diagnostic and therapeutic procedures. One hour a week for eight weeks.

317-18 *Clinic* Kirby-Smith  
Case demonstrations, diagnosis, and treatment of skin diseases and syphilis. Three hours a week. Gallinger Hospital.

407-8 *Clinic* Anderson  
Dermatology and syphilology in infants and children. Children's Hospital. Two hours a week.

409-10 *Clinic* Anderson  
Clinical demonstration, diseases of the skin. One hour a week. Emergency Hospital.

411-12 *Clinic* The Staff  
Clinical demonstrations, diseases of the skin, and diagnosis and therapy of syphilis. One hour a week. University Hospital.

413-14 *Clinic* Creswell  
Diagnosis, laboratory procedures, and treatment of syphilis. Two hours a week. Southwest Health Center.

## MEDICINE

- Walter Andrew Bloedorn, A.M., M.D., *Professor of Medicine, Executive Officer*
- Coursen Baxter Conklin, A.M., M.D., *Clinical Professor of Medicine*
- Charles Robert Lee Halley, A.B., M.D., *Clinical Professor of Medicine*
- Paul Frederick Dickens, M.D., *Clinical Professor of Medicine*
- Harry Filmore Dowling, A.B., M.D., *Clinical Professor of Medicine*
- Robert Port Herwick, Ph.D., M.D., LL.B., *Adjunct Clinical Professor of Medicine*
- Joseph Thomas Roberts, M.D., Ph.D., *Adjunct Clinical Professor of Medicine*
- Frank Adelbert Hornaday, M.S., M.D., *Associate Clinical Professor of Medicine*
- Walter Kendall Myers, B.S., M.D., *Assistant Clinical Professor of Medicine*
- John Alton Reed, A.B., M.D., *Assistant Clinical Professor of Medicine*
- Watson William Eldridge, Jr., M.D., *Associate in Medicine*
- Maurice Protas, A.B., M.D., *Associate in Medicine*
- Bernard Lauriston Hardin, Jr., A.B., M.D., *Associate in Medicine*
- A. Fife Heath, M.D., *Associate in Medicine*
- Benjamin Manchester, M.D., *Associate in Medicine*
- Malcolm Foster Lent, M.D., *Associate in Medicine*
- John Ellsworth Everett, A.B., M.D., *Associate in Medicine*
- Irving Wolfe Winik, M.D., *Associate in Medicine*
- Pearl Holly, M.S., M.D., *Associate in Medicine*
- John Bayne Marbury, M.D., *Clinical Instructor in Medicine*
- Louis Ross, M.D., *Clinical Instructor in Medicine*
- Carl Calvin Dauer, A.B., M.D., M.P.H., *Clinical Instructor in Medicine*
- Russell Crandle Payne, A.B., M.D., *Clinical Instructor in Medicine*
- Lawrence Elias Putnam, A.B., M.D., *Clinical Instructor in Medicine*
- Ruth Benedict, A.B., M.D., *Clinical Instructor in Medicine*
- James Theodore Burns, M.D., *Clinical Instructor in Medicine*
- Frederic Dunbar Chapman, A.B., M.D.C.M., *Clinical Instructor in Medicine*
- Irvin Kerlan, B.S., M.D., C.P.H., *Clinical Instructor in Medicine*
- Leon Schwartz, A.B., M.D., M.P.H., *Clinical Instructor in Medicine*
- Lawrence Jay Thomas, B.S., M.D., *Clinical Instructor in Medicine*
- Virginia Patterson Beelar, A.B., M.D., *Clinical Instructor in Medicine*
- Sylvan Adolph Steiner, M.D., *Clinical Instructor in Medicine*
- Paul Fleming-Holland, M.D., *Clinical Instructor in Medicine*
- James Joseph Feffer, A.B., M.D., *Clinical Instructor in Medicine*

Myer Harold Stolar, B.S., M.D., *Clinical Instructor in Medicine*

Frank Louis Williman, M.D., M.S. in Med., *Clinical Instructor in Medicine*

Sidney Olansky, M.D., *Clinical Instructor in Medicine*

Maurice Mensh, M.D., *Clinical Instructor in Medicine*

- 126 *History of Medicine* Halley  
One hour a week.
- 241-42 *Physical Diagnosis* Conklin and Staff  
Demonstrations and practice on the normal and abnormal subject; designed to cover the entire subject of physical diagnosis.
- 244 *General Medicine* Bloedorn, Halley  
Lectures covering general aspects of all phases of medical disease, and including therapeutics. Three hours a week.
- 312 *Radiology and Radiotherapy* The Staff  
One hour a week.
- 324 *Clinical Physiology* Dickens  
Lectures and clinics for the correlation of preclinical and laboratory studies of physiology with altered function as observed in clinic and ward. One hour a week.
- 325-26 *Clinical Clerkship* Dowling and Staff  
Individual case work under strict supervision (student's histories generally accepted as hospital records). Emergency and Gallinger hospitals.
- 327-28 *Clinical Pathological Conference* Bloedorn, Choisser  
Required in the third and fourth years. Correlation of clinical and post-mortem findings: detailed case descriptions from the clinical point of view, followed by thorough demonstrations, grossly and with lantern slides, of post-mortem findings. One hour a week.
- 349-50 *Grand Ward Rounds* Bloedorn and Staff  
Conducted weekly at Gallinger Hospital. Cases are presented at this conference by members of the Resident Staff and Visiting Staff.
- 416 *Tropical Medicine* The Staff  
Lectures, laboratory exercises, museum and clinical demonstrations designed to familiarize the student with problems of tropical medicine, particularly as applied to the present emergency. Two hours a week.
- 417-18 *Physiotherapy* Eldridge  
Lectures and demonstrations of the fundamentals of physical treatment and their applications to general medical diseases. St. Elizabeths Hospital.
- 420 *Medical Jurisprudence* Eldridge  
Lectures on the legal and ethical rights of physicians, and on the legal problems with which the physician is brought into contact. One hour a week for sixteen weeks.



- 421-22 *Dispensary Clinics* The Staff  
Thorough study of individual cases subsequently reviewed in detail by the Staff. The University and Emergency hospitals.
- 424 *Clinics* Bloedorn and Staff  
Etiology, diagnosis, and treatment of the usual and more rare diseases, with special emphasis on differential diagnosis and the demonstration of clinical abnormalities found in various morbid processes. Medical School.
- 425-26 *Clinical Clerkship* Dickens, Halley  
Individual case work under strict supervision (student's histories generally accepted as hospital records). The University and Emergency hospitals.
- 440 *Clinical Pharmacology* Herwick  
Brief review in materia medica, prescription writing, and the fundamentals of therapeutics; discussion of the pharmacological basis of therapeutics.
- 498 *Professional Aspects of Military Medicine* The Staff  
Study of problems arising in civilian, industrial, and military life peculiar to the present emergency; lectures by members of the staff and specialists of the Army, the Navy, and the United States Public Health Service on duty in Washington. Two hours a week.
- 499 *Clinical Physiology* Dickens  
Continuation of Medicine 324. One hour a week.

## MILITARY SCIENCE AND TACTICS

James Emory Phillips, M.D., Lieutenant Colonel, Medical Corps, United States Army, *Professor of Military Science and Tactics*

- 129-30 *Basic Course (First Year)* Phillips  
Legal basis of national defense; organization of the Army and the Medical Department; military law and courts-martial; customs of the service; map reading; military administration.
- 247-48 *Basic Course (Second Year)* Phillips  
Organization and operation of the Medical Department with the Arms; combat orders and problems; map exercises; medical service of Infantry and Cavalry divisions.
- 329-30 *Advanced Course (First Year)\** Phillips  
Mess management; military preventive medicine; sanitation; chemical warfare, tactics, defense, and medical aspects.
- 429-30 *Advanced Course (Second Year)\** Phillips  
Military history; leadership; diseases peculiar to war; organization and equipment within the division; mobilization; property accounting.

\* Students in the first and second year of the advanced course are selected from those who have satisfactorily completed the basic course.

## NEUROLOGY

Walter Freeman, Ph.D., M.D., *Professor of Neurology, Executive Officer*

James Winston Watts, B.S., M.D., *Clinical Professor of Neurosurgery*

Robert Henry Groh, B.S., M.D., *Clinical Instructor in Neurology*

Vasilios Simos Lambros, M.D., *Clinical Instructor in Neurosurgery*

Harold Stevens, M.D., Ph.D., *Clinical Instructor in Neurology*

Abraham Mosovich, B.S., M.D., *Clinical Instructor in Neurology*

249 *Neurology (elective)* Freeman  
Methods of study of the nervous system. Gross and microscopic preparations, embryology, comparative anatomy, stimulation and extirpation, human pathology, etc. Laboratory demonstrations. One hour a week.

331 *Neurology* Watts and Staff  
Systematic lectures with lantern slides illustrating the chief neurologic syndromes and their anatomic bases. One hour a week.

333-34 *Neurology Clinic (elective)* Freeman and Staff  
May be elected in the third or fourth year. Neurological outpatient clinic. Consultation of staff on ambulatory cases, demonstration of diagnostic procedures, disposition of neuropsychiatric cases. Three hours a week.

431 *Neurosurgery (elective)* Watts  
Lectures and clinical demonstrations in surgery of the brain, spinal cord, and peripheral nerves. Emphasis is laid upon fundamentals and upon the possibilities of surgery in the relief of symptoms. One hour a week.

433 *Clinical Neurology* Freeman  
Lectures and demonstrations of patients illustrating the diagnosis and treatment of nervous disorders. Material is available at St. Elizabeths Hospital illustrative of the more common disorders and some of the unusual syndromes. One hour a week.

435-36 *Neurologic Examinations* Freeman and Staff  
Practical instruction in the examination of patients presenting nervous diseases. Detailed examination of six patients is required of each student. St. Elizabeths Hospital. One-fourth of the class, two hours a week.



## OBSTETRICS AND GYNECOLOGY

John Louis Parks, M.S., M.D., *Professor of Obstetrics and Gynecology,  
Executive Officer*

\*Howard Francis Kane, A.B., M.D., *Clinical Professor of Obstetrics and  
Gynecology*

Radford Brown, M.D., *Clinical Professor of Obstetrics and Gynecology*

Jacob Kotz, M.D., *Clinical Professor of Obstetrics and Gynecology*

Henry Laurant Darner, A.B., M.D., *Clinical Professor of Obstetrics  
and Gynecology*

Herbert Percy Ramsey, A.B., M.D., *Clinical Professor of Obstetrics  
and Gynecology*

Thomas Miles Leonard, Ph.B., M.D., *Adjunct Clinical Professor of  
Obstetrics and Gynecology*

George Nordlinger, A.B., M.D., *Associate in Obstetrics and Gynecology*

Joseph Harris, A.B., M.D., *Associate in Obstetrics and Gynecology*

Laurence Lee Cockerille, M.D., *Associate in Obstetrics and Gynecology*

Samuel Mayer Dodek, A.M., M.D., *Associate in Obstetrics and Gynecology*

Bernard Notes, M.D., *Associate in Obstetrics and Gynecology*

Russel Jon Jansen, M.D., *Associate in Obstetrics and Gynecology*

Howard Pope Parker, A.B., M.D., *Associate in Obstetrics and Gynecology*

Roger O'Donnell, Jr., A.B., M.D., *Associate in Obstetrics and Gynecology*

Helen Gladys Kain, B.S., M.D., *Clinical Instructor in Obstetrics and  
Gynecology*

Esther Alsylvia Nathanson, A.B., M.D., *Clinical Instructor in Obstetrics  
and Gynecology*

Katherine Elizabeth Parker, A.M., M.D., *Clinical Instructor in Ob-  
stetrics and Gynecology*

Harry Samuel Douglas, A.B., M.D., *Clinical Instructor in Obstetrics  
and Gynecology*

William Dandridge Terrell, Jr., M.D., *Clinical Instructor in Obstetrics  
and Gynecology*

James Albert Dusbabek, M.D., *Clinical Instructor in Obstetrics and  
Gynecology*

Barton Winters Richwine, M.D., *Clinical Instructor in Obstetrics and  
Gynecology*

Julius Robert Epstein, M.D., *Clinical Instructor in Obstetrics and Gynecology*

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\* On war leave 1945-46.

- Morton Selwyn Kaufman, A.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*  
 Floyd Sterling Rogers, M.D., *Clinical Instructor in Obstetrics and Gynecology*  
 Clarence Kendall Fraser, Ph.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*  
 Rufus Martin Roll, A.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*  
 Caroline Jackson, A.M., M.D., *Clinical Instructor in Obstetrics and Gynecology*

- 253-54 *Normal Obstetrics* Parks, Dodek  
 Lectures and demonstrations on the physiology and management of normal pregnancy. One hour a week.
- 337-38 *Abnormal Obstetrics* Nordlinger and Staff  
 Lectures and demonstrations on the complications of pregnancy. One hour a week.
- 344 *Gynecology* Brown  
 Lectures on the principles of gynecological surgery. One hour a week for seven weeks.
- 345-46 *Manikin Demonstrations* Harris  
 The mechanism of labor and various types of operative delivery demonstrated to sections of the class. One hour a week.
- 439 *Gynecological Pathology* Brown  
 Lectures on the essentials of gynecological pathology, and demonstrations and study of gross and microscopic material discussed in the lectures. One hour a week.
- 441-42 *Clinical Obstetrics* The Staff  
 Observation of, and participation in, the work of the pre- and post-natal clinics, on the wards, and in the delivery rooms of the University, Gallinger, Columbia, and Garfield hospitals.
- 443-44 *Clinical Gynecology* The Staff  
 Observation of, and participation in, the work at the out-patient clinics, on the wards, and in the operating rooms of the University, Gallinger, Columbia, and Garfield hospitals.
- 445 *Female Endocrinology and Operative Gynecology* Kotz, Darner  
 Lectures on the physiology and pathology of the endocrine system in women and on the principles of gynecological surgery. One hour a week.

## OPHTHALMOLOGY

Ernest Alfred Watson Sheppard, M.D.C.M., *Professor of Ophthalmology, Executive Officer*

Edgar Leonard Goodman, M.D., M.M.S., *Assistant Clinical Professor of Ophthalmology*

Ronald Atmore Cox, A.B., M.D., *Assistant Clinical Professor of Ophthalmology*

Frank Duncan Costenbader, B.S., M.D., *Assistant Clinical Professor of Ophthalmology*

Richard Wallace Wilkinson, A.B., M.S., M.D., *Associate in Ophthalmology*

Sterling Bockoven, M.D., *Associate in Ophthalmology*

Carmon Robert Naples, B.S., M.D., *Clinical Instructor in Ophthalmology*

Micollus Noel Stow, D.M.S., M.D., *Clinical Instructor in Ophthalmology*

### 351-52 *Ophthalmology*

The Staff

A lecture course presenting the principles of ophthalmology, with special reference to topics of importance to the general practitioner. One hour a week for sixteen weeks.

### 447 *Clinic*

The Staff

Intensive training in diseases of the eye; etiology, diagnosis, and treatment in their application to clinical cases. Episcopal Hospital. Three hours twice a week.



## OTO-RHINO-LARYNGOLOGY

- Daniel Bruce Moffett, A.B., M.D., *Professor of Oto-rhino-laryngology, Executive Officer*  
 William Herndon Jenkins, M.D., *Clinical Professor of Oto-rhino-laryngology*  
 Leroy Lee Sawyer, A.B., M.D., *Assistant Clinical Professor of Oto-rhino-laryngology*  
 David Davis, A.B., M.D., *Associate in Oto-rhino-laryngology*  
 Aubrey David Fischer, M.D., *Associate in Oto-rhino-laryngology*  
 Jeter Carroll Bradley, M.D., *Associate in Oto-rhino-laryngology*  
 Joel Norton Novick, M.S., M.D., *Clinical Instructor in Oto-rhino-laryngology*  
 John Gordon Bell, M.D., *Clinical Instructor in Oto-rhino-laryngology*  
 Catharine Birch, A.B., M.D., *Clinical Instructor in Oto-rhino-laryngology*  
 Homer King Vann, A.B., M.D., *Clinical Instructor in Oto-rhino-laryngology*

- 451 *Oto-rhino-laryngology* Moffett, Jenkins  
 Lectures and demonstrations on anatomy, physiology, and diseases of the ear, nose, and throat, bronchoscopy and esophagoscopy. One hour a week.
- 454 *Bronchoscopy* Davis  
 A series of lectures on the fundamental principles and the use of instruments, including both the bronchoscope and esophagoscope. One hour a week for four weeks.
- 456 *Clinic* The Staff  
 Practical clinical instruction in the diagnosis and treatment of diseases of the ear, nose, and throat. Episcopal Hospital. One and one-half hours twice a week.

## PATHOLOGY

Roger Morrison Choisser, B.S., M.D., *Professor of Pathology, Executive Officer*

Thomas Martin Peery, A.B., M.D., *Associate Professor of Pathology*

Eugene Leonard Lozner, A.B., M.D., *Associate in Pathology*

Anna Margaret Allen, L.R.C.P.S.I., D.P.H., *Instructor in Pathology*

Jack Spier, M.D., *Instructor in Pathology*

### 236 *Clinical Pathology*

Choisser and Staff

Lectures and laboratory work covering aspects of laboratory diagnosis of disease, including a study of: urinalysis, blood counting, the anemias, leukemias, and other blood dyscrasias. Examination of exudates, transudates, stomach contents, spinal fluids, and stools also emphasized. Three hours a week.

### 259-60 *Pathology*

Choisser, Peery

Malformations, inflammations, degenerations, and neoplasms; special pathology of the organs and specific diseases. The laboratory work consists of the gross and microscopic study of diseased tissues. Necropsies are held regularly at the University and Gallinger hospitals.

### 307 *Necropsy (elective)*

The Staff

Students assist in the performance of necropsies. Fresh gross specimens and microscopic sections from each case are presented at weekly conferences. Current literature relating to cases is reviewed and presented by the students.

### 327-28 *Clinical Pathological Conference*

Choisser, Bloedorn

Required in the third and fourth years. Case histories are presented and discussed by members of the staff and student body; necropsy and clinical findings are compared, and gross and microscopic specimens examined. One hour a week.

### 460 *Research*

Choisser

Hours and credits to be arranged.

### 461 *Tumors*

Choisser and Staff

Sixteen lectures and laboratory periods covering experimental production of tumors by means of carcinogens. Microscopic diagnosis of tumors is stressed. One hour a week.

## PEDIATRICS

- Preston Alexander McLendon, B.S., M.D., *Professor of Pediatrics, Executive Officer*  
 Charles Aurelius Schutz, M.D., *Clinical Professor of Pediatrics*  
 Margaret Mary Nicholson, A.B., M.D., *Clinical Professor of Pediatrics*  
 Edward Lewis, M.D., *Clinical Professor of Pediatrics*  
 Lewis Kaigler Sweet, A.B., M.D., *Adjunct Clinical Professor of Pediatrics*  
 William Staton Anderson, A.B., M.D., *Assistant Clinical Professor of Pediatrics*  
 Mabel Harlakenden Grosvenor, A.B., M.D., *Assistant Clinical Professor of Pediatrics*  
 John Augustine Washington, A.B., B.S., M.D., *Assistant Clinical Professor of Pediatrics*  
 Aaron Nimetz, A.B., M.D., *Associate in Pediatrics*  
 Carolyn Snyder Pincock, A.B., M.D., *Clinical Instructor in Pediatrics*  
 Richard Henry Todd, A.B., M.D., *Clinical Instructor in Pediatrics*  
 Dorothy Steinle Jaeger, M.D., *Clinical Instructor in Pediatrics*  
 Herbert Harold Diamond, M.D., *Clinical Instructor in Pediatrics*  
 George Maksim, M.D., M.S. in Ped., *Clinical Instructor in Pediatrics*  
 Mario Scandiffo, A.B., M.D., *Clinical Instructor in Pediatrics*

- 354 *Pediatrics* Nicholson  
 Ward walks and weekly clinic. Gallinger Hospital. Two sections.
- 355-56 *Pediatrics* Schutz  
 Lectures on diseases and malformations of the newly born. Growth, metabolism, nutrition, nutritional diseases, therapeutics, habits, preventive pediatrics, and social aspects are considered. One hour a week for twenty-four weeks.
- 357-58 *Clinic* Pincock, Grosvenor  
 Clinical instruction in the care and diseases of the newly born, congenital malformations, birth injuries, and prematurity. Gallinger Hospital. One-fourth of the class, one hour a week.
- 359-60 *Contagious-Disease Clinic* The Staff  
 Bedside instruction in scarlet fever, diphtheria, etc. Gallinger Hospital. One-fourth of the class, one hour a week. Ward walks twice a week.
- 463-64 *Child-Welfare and Preventive Clinic* Schutz, Jaeger  
 Clinical course in the infant and the pre-school child. Children's Hospital, Child Welfare Center. One section, one hour a week.



- 465-66 *Clinic* The Staff  
Out-patient clinic: minor to serious disorders of children, emotional life of the child, habit formations, and behavior problems. Children's Hospital. One section, Mon., Tues., Wed., and Fri., one and one-half hours.
- 467-68 *Clinic* The Staff  
Teaching clinic. Children's Hospital. Entire class, one and one-fourth hours a week.
- 469-70 *Clinical Clerkship* The Staff  
Individual case work under strict supervision. Students act as Junior Interns throughout the hospital. Children's Hospital. One-fourth of class, daily, 9:30 A.M. to 4:30 P.M.
- 471-72 *Allergy Clinic* Jaeger, Todd  
Prerequisite: Bacteriology 209. Practical work in the Allergy Clinic of Children's Hospital may be obtained by a small group of senior students. Two afternoons a week.

## PHARMACOLOGY AND THERAPEUTICS

Edgar William Ligon, Jr., Ph.D., *Assistant Professor of Pharmacology,  
Acting Executive Officer*

Edward Leong Way, Ph.D., *Instructor in Pharmacology*

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|-----|---|-----------|
| 263 | <i>Pharmacology</i>   | The Staff |
|     | Laboratory instruction covering both the chemical nature and the biological effects of drugs. Five hours a week.  |           |
| 265 | <i>Pharmacology</i>   | The Staff |
|     | Lectures and demonstrations to correlate the most prominent facts relating to the more important therapeutic agents. Drugs found in the <i>United States Pharmacopoeia</i> and <i>New and Non-official Remedies</i> are stressed. Three hours a week. |           |
| 267 | <i>Pharmacology Conference</i>  | The Staff |
|     | One hour a week.  |           |
| 269 | <i>Prescription Writing</i>   | The Staff |
|     | Sixteen one-hour conferences on the form of the prescription, with practical exercises.   |           |
| 362 | <i>Research</i>   | The Staff |
|     | Hours and credits to be arranged.   |           |

## PHYSIOLOGY

Errett Cyril Albritton, A.B., M.D., *Professor of Physiology, Executive Officer*

Chester Elwood Leese, Ph.D., *Associate Professor of Physiology*

Robert Custis Grubbs, A.B., M.S., M.D., *Assistant Professor of Physiology*

**115 Physiology (3)** Leese and Staff  
Lectures for academic students covering the fundamentals of physiology in its various subdivisions. Prerequisite: one year of general science or one term of a biological science. Section A: Tues., Thurs., and Sat., 9:10 A.M.; section B: Tues. and Thurs., 5:10 to 6:25 P.M.

**117 Physiology (1)** Grubbs  
Laboratory exercises in the fundamentals of physiology, for academic students. Prerequisite: Physiology 115 or the equivalent. The two, 115 and 117, may be taken concurrently. Material fee, \$12. Sat. 10:10 A.M. to 1:00 P.M.

**132 Physiology** Albritton and Staff  
One hundred physiological lectures in the following divisions, each as a unit: (1) blood, heart, circulation, respiration, and acid-base balance; (2) nutrition, digestion, metabolism, excretion, temperature regulation, and water balance; (3) sensory reception, central nervous processes, and somatic and visceral motor activity; (4) the endocrine glands and reproduction.

**134 Experimental Physiology** Albritton and Staff  
Laboratory work in each of the divisions listed in Physiology 132. Eight hours a week.

**137 First Aid** Grubbs and Staff  
Lectures by the staff and practical exercises conducted by qualified Red Cross First Aid instructors designed to enable the student to complete the "standard" course in First Aid and to appreciate the value and limitations of such training. One hour a week.

**200 Physiology of Activity (1 or 2)** Albritton  
The circulatory, respiratory, endocrine, metabolic, and other adaptations, immediate and long term, accompanying and affecting activity. May be taken for two credits with additional work. Prerequisite: Physiology 115 or the equivalent. Tues., 9:10 A.M.

**269-70 Problems in Physiology** Albritton and Staff  
Hours and credits to be arranged.

**272 Experimental Method** Albritton  
Design of controlled experiments in medical or biological investigation; errors in design; criticism and judgment of evidence, and tests of the statistical significance of experimental results. May be taken for one credit with additional work. Eight lectures, hours to be arranged.



- 274 *The Psycho-Physiology of Personality* (1 or 2) **Leese**  
Lectures on the genesis and expression of personality, with emphasis  
on the physiological approach. May be taken for two credits with  
additional work. Thurs., 5:10 P.M.

275-76 *Research*

Hours and credits to be arranged.

Albritton and Staff

## PSYCHIATRY

Winfred Overholser, A.B., M.D., Sc.D., *Professor of Psychiatry, Executive Officer*  
 Roscoe Willis Hall, Ph.B., M.D., *Clinical Professor of Psychiatry*  
 Solomon Katzenelbogen, M.D., *Clinical Professor of Psychiatry*  
 Addison McGuire Duval, M.D., *Assistant Clinical Professor of Psychiatry*  
 Harriet Elizabeth Twombly, A.B., M.D., *Associate in Psychiatry*  
 Samuel Alexander Silk, Ph.D., M.D., *Associate in Psychiatry*  
 Edgar Deucher Griffin, A.B., M.D., *Associate in Psychiatry*  
 Isabelle Kendig, Ph.D., *Associate in Psychiatry*  
 Paul Jacob Ewerhardt, M.D., *Clinical Instructor in Psychiatry*  
 William Green Cushard, M.D., *Clinical Instructor in Psychiatry*

- 136 *Introductory Medical Psychology* Overholser and Staff  
 Theoretical and practical aspects of the constitution, character, and personality as related to medicine; psychological features in various diseases; types of character development and their ways of adaptation. One hour a week.
- 278 *Psychopathology* Hall  
 Manifestations and understanding of various abnormal mental mechanisms and reaction-types, illustrated with suitable case material, and preceded by history of development of psychopathology. One hour a week.
- 366 *Psychiatry* Overholser  
 Major psychoses, illustrated by the presentation of clinical material and utilized for the purpose of explaining the fundamental psychological mechanisms involved. St. Elizabeths Hospital. One hour a week.
- 368 *Psychosomatic Aspects of General Medicine* Katzenelbogen  
 Somatic disorders of functional origin versus organic structural disorders. The role of personality reactions in somatic disorders (illustrative cases). St. Elizabeths Hospital. One hour a week.
- 370 *Personality Adjustments* Ewerhardt  
 Maladaptations occurring in childhood and youth. One hour a week for eight weeks.
- 427-28 *Psychological Techniques in Psychiatric Practice* Kendig  
 Discussion of psychological concepts and tools available for determination of intellectual level, personality structure, functional impairment, and organic deterioration. One hour a week for four weeks.

473-74 *Ward Work*

The Staff

Personal mental examinations and formal written report of the examination of the various types of psychoses, followed by a review of the cases with an instructor. St. Elizabeths Hospital. Two hours a week.

475 *Psychoneurosis*

Overholser and Staff

The clinical aspects, the etiology, the psychopathology, and the treatment of the various psychoneuroses. One hour a week for twelve weeks.



## SURGERY

Charles Stanley White, M.D., *Professor of Surgery, Executive Officer*  
 Daniel LeRay Borden, A.M., M.D., *Clinical Professor of Surgery*  
 Harry Hyland Kerr, M.D.C.M., *Clinical Professor of Surgery*  
 Paul Stirling Putzki, M.D., *Clinical Professor of Surgery*  
 Arch Lockhart Riddick, B.S., M.D., *Clinical Professor of Surgery*  
 William Berry Marbury, M.D., *Clinical Professor of Surgery*  
 Custis Lee Hall, M.D., *Clinical Professor of Surgery*  
 Guy Whitman Leadbetter, B.S., M.D., *Clinical Professor of Surgery*  
 William Russell Moses, M.D., *Adjunct Clinical Professor of Surgery*  
 \*John Hugh Lyons, M.S., M.D., *Associate Clinical Professor of Surgery*  
 Herbert Hermann Schoenfeld, M.D., *Associate Clinical Professor of Surgery*  
 \*William Warren Sager, M.S., M.D., *Associate Clinical Professor of Surgery*  
 Francis Xavier McGovern, M.D., *Associate Clinical Professor of Surgery*  
 Benjamin Franklin Dean, Jr., M.S., M.D., *Assistant Clinical Professor of Surgery*  
 Alec Horwitz, M.S., M.D., *Assistant Clinical Professor of Surgery*  
 Cline N. Chipman, M.D., *Associate in Anesthesia*  
 Richard Knight Thompson, D.D.S., *Associate in Dental Surgery*  
 Julius Salem Neviasser, A.B., M.D., *Associate in Surgery*  
 James Lloyd Collins, A.B., M.D., *Associate in Surgery*  
 Donald Harrison Stubbs, A.M., M.D., *Associate in Surgery*  
 William Ross Morris, M.D., *Associate in Surgery*  
 Philip Pelland, M.D., *Associate in Surgery*  
 Harold Walter Krogh, D.D.S., *Associate in Surgery*  
 Jacob Joseph Weinstein, B.S., Phar.G., M.D., *Associate in Surgery*  
 Edward Alexander Cafritz, M.D., *Clinical Instructor in Surgery*  
 Hazen Eugene Cole, B.S., M.D., *Clinical Instructor in Surgery*  
 Otto Anderson Engh, A.B., M.D., *Clinical Instructor in Surgery*  
 William Carey Meloy, M.D., M.S. in Med., *Clinical Instructor in Surgery*  
 Duane Case Richtmeyer, A.B., M.D., *Clinical Instructor in Surgery*  
 Stewart Maxwell Grayson, M.D., *Clinical Instructor in Surgery*  
 Jerome Blaine Harrell, M.D., *Clinical Instructor in Surgery*  
 Paula Reines Kaiser, M.B., Ch.B., *Clinical Instructor in Surgery*  
 Allen Southall Lloyd, M.D., *Clinical Instructor in Surgery*

\* On war leave 1945-46.

Leon Gerber, M.D., *Clinical Instructor in Surgery*  
Joseph Kreiselman, M.D., *Clinical Instructor in Surgery*  
Milton Goldman, M.D., *Clinical Instructor in Surgery*

- 279-80 *General Surgery* Dean, Harrell  
Course of lectures and recitations covering surgical diseases of the neck and chest, herniae, amputations, and pre- and post-operative treatment. One hour a week for twenty-eight weeks.
- 281 *Anesthesia (elective)* Chipman, Stubbs  
Theoretical and practical instruction is given in the use of general and local anesthetic agents. One hour a week for fifteen weeks.
- 282 *Fractures and Dislocations* Leadbetter  
One hour a week.
- 283 *Principles of Surgery* Marbury  
Series of demonstrations of surgical instruments and appliances. The preparation of the patient, the operating room, the materials commonly used, and the duties of each member of an operating team. One hour a week.
- 371-72 *General Surgery* Putzki, Riddick  
Course of lectures and recitations covering surgery as applied to the neck, thorax, gastro-intestinal tract, and the bones and skeletal muscles. One hour a week.
- 373-74 *Ward Walks* The Staff  
Well-organized group ward-rounds are made with the visiting physicians and their respective staffs in the course of their usual rounds. Gallinger and Emergency hospitals.
- 375-76 *Surgical Clinic* The Staff  
Clinical teaching and demonstrations on the care of the various surgical diseases, with special emphasis on the pre- and post-operative management. Gallinger and Emergency hospitals.
- 379-80 *Surgical Staff Conference* White and Staff  
Gallinger Hospital. One hour a week.
- 381-82 *Clinical Clerkship* The Staff  
The student is assigned and required to work up thoroughly the cases for diagnosis and treatment. Gallinger and Emergency hospitals.
- 478 *Orthopedics* Hall  
Etiology, pathology, symptomatology, and treatment of congenital and acquired diseases of the bones and joints, and the clinical instruction in treatment and in the use of appliances for the correction of deformities. One hour a week.
- 481 *General Surgery* White  
One hour a week.

**483-84 Dispensary Clinic**

The Staff

Dispensary instruction in the principles and practice of surgery. Instruction of small groups is given in general surgery and the specialties, including anesthesia, neurosurgery, orthopedics, proctology, and oral surgery. University and Emergency hospitals.

**485-86 Special Problems in Surgery**

Riddick, Dean

General surgical diagnosis, with special emphasis on the diagnosis and differential diagnosis of surgical diseases and post-operative complications. One hour a week.

**488 Surgical Clinic**

White and Staff

Demonstration to the entire class of the various surgical diseases. One hour a week.

**489 Surgical Anatomy**

Horwitz

One hour a week.



## UROLOGY

Frederick August Reuter, M.D., *Professor of Urology, Executive Officer*  
Thomas Carlton Thompson, B.S., M.D., *Clinical Professor of Urology*  
Charles Perry Howze, M.D., *Associate in Urology*  
Gilbert Ottenberg, A.M., M.D., *Associate in Urology*

491-92 *Urology* Reuter  
Lectures covering the entire field of urology, including diagnosis, treatment, and morbid pathology. One hour a week.

493-94 *Clinics* The Staff  
Clinical teaching and demonstrations on the care of urological cases with special emphasis on the pre- and post-operative management. Operative clinics and clinical teaching. Gallinger and Children's hospitals.

495-96 *Clinics* Reuter and Staff  
Clinical demonstrations and teaching in the dispensary, with special attention given to diagnostic procedures. Emergency and University hospitals. One part of each section daily.

## DEGREES CONFERRED

### DOCTOR OF MEDICINE

NOVEMBER 17, 1943

Adams, George David A.B. 1941, The George Washington University	D.C.	Kaufman, Suzanne Kling A.B. 1940, Smith College	Va
Akman, Leonard Carl A.B. 1941, The George Washington University	D.C.	Kelley, James Leo, Jr. A.B. 1940, University of California	Calif
Andrus, Don Leverett A.B. 1941, The George Washington University	Va.	Kirk, Daniel Lee Knight, Raymond Lynn A.B. 1940, University of California	Pa Calif
Arias, Regelio Ernesto Armstrong, Robert Harmon	Panama	Koch, Leslie Charles A.B. 1940, University of Utah	Utah
Ashurst, Robert Turpin III A.B. 1941, University of Alabama	D.C.	Kroutil, Carl Ludwig A.B. 1941, The George Washington University	Va.
Blass, Benjamin Ralph B.S. 1940, Catholic University of America	N.J.	Kroutil, Persis Marti B.S. 1940, The George Washington University	Va.
Bloom, Gerald Barron A.B. 1940, University of California at Los Angeles	Calif.	Kurstin, William A.B. 1942, The George Washington University	D.C.
Boling, John Stephen B.S. 1939, Roanoke College	Va.	Larson, John David, Jr. A.B. 1940, Erskine College	Mich.
Brodie, Sidney A.B. 1940, Harvard University	Mass.	Loube, Samuel Dennis (With distinction)	D.C.
Brown, Raymond Nathan Coleman, Allan Bertram (With distinction)	D.C.	A.B. 1941, The George Washington University	Mass.
Connor, Joseph Augustine, Jr. Criley, Francis Joseph	P.I.	Marble, George Herbert B.S. 1940, Michigan State College	Mich.
Dames, Joseph Gordon B.S. 1936, Utah State Agricultural College	D.C.	McCrea, John Weed B.S. 1940, Michigan State College	P.R.
Darius, John Byron A.B. 1941, University of Utah	Idaho	Medina, Antonio Samuel, Jr. Mengarini, Ariel Aldace Anteo	D.C.
Dowd, James Francis DuChes, John William	Utah	A.B. 1941, The George Washington University	N.J.
Fawcett, John Gray A.B. 1940, Colgate University	D.C.	Merliss, Harry Mori, Primo	Pa
Fenan, John Bernard Fonnest, Herbert Joe	Ohio	B.S. 1940, Dickinson College	Ala.
Francis, James Carrington A.B. 1941, University of Alabama	N.J.	Nichols, Henry Thomas A.B. 1941, University of Alabama	Tex.
Garby, Rodas Carl Graves, Richard Stebbins	D.C.	Norris, Ronald Frederick A.B. 1940, University of Texas	N.J.
Gruender, Jack Emil Max Hoppes, Emerson Eli	Okla.	Panzer, Norman A.B. 1940, New York University	Utah
Hughes, John Ames B.S. 1939, Albright College	Ala.	Parkinson, Dee Rich Pantlow, Kenneth Lawrence II	Wash.
Jagers, Frank Yewdall, Jr. B.S. 1939, Dickinson College	Wis.	Pearlmitter, Morris A.B. 1941, The George Washington University	N.Y.
Jean, Howard Stafford Johnson, Marvin Emerson	Pa.	Pole, Samuel Boyce III A.B. 1941, University of Kentucky	D.C.
Karan, Harold Nathan A.B. 1942, The George Washington University	D.C.	Rav, Enas B.S. 1940, University of Maryland	D.C.
Kailin, Eloise Whittlesey A.B. 1941, The George Washington University	Ohio	Reidy, Joseph Carey Richards, Gay Adams	Conn.
Kaufman, Irving A.B. 1939, New York University	Ky.	Schewe, William John A.B. 1940, B.S. 1942, University of Missouri	Utah Mo.
	N.Y.	Smiley, Stanley Joseph A.B. 1940, University of California	Calif.
	D.C.	Smith, Gordon Murdoch A.B. 1941, The George Washington University	Va.
	N.J.	Viccellio, Asa William	Va.

Wentworth, John Edward  
A.B. 1939, Albion College

Mich.

Winfield, Raymond Joseph  
B.S. 1940, Catholic University of  
America

Conn.

## SEPTEMBER 19, 1944

Adams, Howard Dwight A.B. 1941, Miami University	Ohio	Hyde, Dean Low A.B. 1939, Fresno State College	Calif.
Alden, Charles William A.B. 1940, Brown University	D.C.	Jaeger, Henry William James, Burton Reed	D.C. Calif.
Andrus, Len Hughes A.B. 1941, Stanford University	Calif.	A.B. 1941, Fresno State College	Wash.
Ayres, Marie Frances B.S. 1942, University of Pennsylvania	Pa.	Jarvis, Rodney Miller Jasper, William Smith	Ohio
Barrett, William Waldo, Jr. Bauersfeld, Samuel Richard	Utah	A.B. 1941, Ohio University	D.C.
Baum, Mark B.S. 1940, College of Idaho	Idaho	Johnsen, David Strand Kelley, Floyd Carl	Wash. D.C.
Brown, Donald Painter A.B. 1942, B.S. 1943, West Virginia University	W.Va.	Kimble, Seruch Titus A.B. 1942, The George Washington University	D.C.
Callan, Margaret Elizabeth Cameron, Joseph Harold	D.C.	Kinder, Edward Lewis	D.C.
B.S. in Phar. 1938, University of North Carolina	N.J.	Kirk, Donald Angus A.B. 1940, University of Utah	Utah
Carmen, John Cherrington A.B. 1941, University of Utah	Utah	Kleeh, Jack Bernard A.B. 1942, The George Washington University	D.C.
Carroll, George Joseph, Jr. A.B. 1939, Clark University	Mass.	Kolker, Joseph A.B. 1942, The George Washington University	D.C.
Collins, Richard Leland (With distinction) A.B. 1940, University of California at Los Angeles	Calif.	Kolze, Vernon William B.S. 1941, Western Reserve Uni- versity	Pa.
Cox, George Thomas, Jr. (With distinction) B.S. in Phar. 1937, University of Idaho	Utah	Lewin, Walter Otto, Jr. Lifschutz, Seymour A.B. 1942, The George Washington University	Ohio N.J.
Cranney, Wyndon Doyle A.B. 1940, Brigham Young Uni- versity	Wyo.	Lueth, Charles Salak B.S. 1937, University of Wisconsin	Wis.
Dalman Schmidt, Carlos Jose A.B. 1942, The George Washington University	P.R.	MacCutecheon, James Glezen A.B. 1941, University of Buffalo	N.Y. Calif.
Dresner, Evelyn Edith B.S. 1941, The George Washington University	N.J.	MacRae, Malcolm Merritt (With distinction)	Wash.
Emerson, William Joseph B.S. 1940, Catholic University of America	N.J.	Magnire, Joseph Patrick B.S. 1941, University of Washington	Utah
Fankhauser, Robert Kingsley B.S. 1941, Ohio University	W.Va.	McAfee, Don B. A.B. 1941, Brigham Young Uni- versity	Md. N.Y.
Farr, Keith Fred A.B. 1941, University of Utah	Utah	Milstead, Valgene Moore Mott, Howard Otis A.B. 1941, Union College	D.C.
Farrell, John Clifford A.B. 1939, University of Oregon	Minn.	Moulton, Barbara A.B. 1937, University of Chicago A.M. 1940, The George Washington University	D.C.
Fink, William James A.B. 1939, DePauw University	D.C.	Mullenburg, Robert A. A.B. 1943, The George Washington University	S.D.
Foster, Thomas Delos A.B. 1941, University of Wisconsin	Wis.	Mullen, James Kane B.S. in Phar. 1941, University of Idaho	Idaho
Freehafer, Marian Elizabeth A.B. 1940, The George Washington University	D.C.	Munson, Hugh Benjamin B.S. 1943, University of South Dakota	S.D.
Goldensohn, Sidney Sorrel A.B. 1942, The George Washington University	N.J.	Murphy, Christopher Joseph Palmer Richard Emery	D.C. D.C.
Gordon, David Stuart A.B. 1941, The George Washington University	D.C.	Raum, Muriel Slaff A.B. 1937, Cornell University	Mass.
Holmes, Joel Grant, Jr. Hoover, George William, Jr.	Pa. D.C.	Renter, Frederick Turner Rixey, Charles Osborn A.B. 1942, The George Washington University	D.C. Mo.
A.B. 1941, The George Washington University		Rose, Frank Singleton A.B. 1942, Syracuse University	N.Y.



Sartwell, Mary Katherine Laurence	D.C.	Steffan, Lloyd John	Wis.
A.B. 1942, The George Washington University		Velkoff, Cyril L.	Ind.
Scheuch, Charles Daniel	D.C.	A.B. 1942, The George Washington University	
(With distinction)		Wallace, Keene Manning	Va.
Schumacher, Jack	Nebr.	Warthen, Robert Orr	Md.
A.B. 1942, The George Washington University		Weisse, Harris Albert	Wis.
Sherburne, John Collis	Conn.	White, John William	Va.
A.B. 1941, Miami University		Wilson, Thomas Ashton	D.C.
Smith, Marvin Dale	Miss.	A.B. 1941, The George Washington University	
A.B. 1941, Mississippi College		Zeller, William Webb	D.C.
Spray, Paul	Pa.	(With distinction)	
B.S. 1942, University of Pittsburgh		A.B. 1942, The George Washington University	
Sprehn, George Warren	Md.		

## JUNE 7, 1945

Amaroso, William Louis	D.C.	Heenahan, Thomas Alexander	N.J.
Baker, Stewart Lee, Jr.	D.C.	B.S. 1941, University of Michigan	Pa.
B.S. 1942, University of Maryland		Hoffman, Carl Joseph	
Bean, Harold Richard	D.C.	B.S. 1942, Catholic University of America	
Berry, Guy Neill	Mo.	Holmes, Isham Earl	Me.
B.S. 1942, Northwestern University		Hunt, Robert Clarence	D.C.
Bingham, Maurice Nolan	Wash.	B.S. 1942, Mount St. Mary's College	Wis.
Black, Emilie Ann	D.C.	Johnson, Donald Arthur	Ohio
B.S. 1942, The George Washington University		Joliet, John Charles	Pa.
Blount, Jasper Monroe, Jr.	Miss.	Kovach, Coleman William	Pa.
B.S. 1943, University of Mississippi		Kowalewski, Edward Joseph	D.C.
Cajigas, Tomas Robert	D.C.	Kurland, Walter	
Carter, John Paul	D.C.	(With distinction)	
(With distinction)		B.S. 1942, The George Washington University	
A.B. 1943, The George Washington University		Lando, Lester	N.Y.
Casey, Ernest Raymond, Jr.	Wyo.	B.S. 1942, University of Michigan	Va.
B.S. 1944, University of Wyoming		Littleton, Louisa Chandler	
Conklin, Coursen Baxter, Jr.	D.C.	A.B. 1939, Emory and Henry College	Idaho
A.B. 1942, Middlebury College		Lowe, Waynard Wilson	
Cooper, Irving S.	D.C.	B.S. 1942, University of Idaho	Wash.
(With distinction)		Martel, Stuart Henry	Wash.
A.B. 1943, The George Washington University		McKibben, Ernest Collett, Jr.	
Crismond, Louis Anthony	D.C.	B.S. 1942, State College of Washington	Calif.
B.S. 1944, Mount St. Mary's College		McLoone, Edward Watkins	
Davis, Harold Arthur	D.C.	B.S. 1942, University of Notre Dame	Calif.
A.B. 1943, The George Washington University		McLoone, John Joseph	
Derouin, Ruth Elizabeth	D.C.	B.S. 1942, University of Arizona	Pa.
A.B. 1942, Mt. Holyoke College		McNaughton, Elisabeth H.	Idaho
Doland, Alger Burr	N.J.	Merrill, Lowell Garr	
Dulin, Samuel Nathan, Jr.	N.C.	A.B. 1942, Stanford University	Calif.
B.S. 1942, University of North Carolina		Millar, Max Stephen	
Eckdahl, Robert Wilson	Wash.	A.B. 1943, Fresno State College	Conn.
Ellsworth, Homer Smith	Ariz.	Miller, Spencer Kelsey	
B.S. 1942, University of Arizona		A.B. 1942, Miami University	D.C.
Farrell, Joseph Peter	D.C.	Montgomery, Robert Rice	D.C.
Geiger, Jason	D.C.	Nessell, William Edward	
A.B. 1943, The George Washington University		A.B. 1942, The George Washington University	D.C.
Greaves, Howard Pendleton	Idaho	Olshaker, Bennett	
B.S. 1942, University of Idaho		A.B. 1943, The George Washington University	D.C.
Gunning, John Emmett	Calif.	(With distinction)	
Gyarfas, William James	Kans.	Parrish, Alvin Edward	Wash.
A.B. 1942, University of Kansas		Patterson, Harold Eugene II	
Hardy, Frank McNairy, Jr.	Wash.	A.B. 1942, Stanford University	D.C.
Harris, Lester Friedrich	D.C.	Prather, Charles DeVault	D.C.
Hartsock, Frederick Burgess	D.C.	Price, John Wellington	D.C.
Hays, Freeman Cornelius	Miss.	Rose, Jerome Victor	Wis.
B.S. in Phar. 1941, University of Mississippi		Schoene, Fred Carl	Miss.
		Shaw, Frances Page	
		A.B. 1942, University of Mississippi	D.C.
		Smith, Charles Reed	

Stone, Thomas Edward A.B. 1943, The George Washington University	D.C.	Wechsler, Herbert Milton A.B. 1943, The George Washington University	D.C.
Stroup, Matthew Alfred A.B. 1939, University of North Carolina	N.C.	Wilson, Thomas Moser Wood, Clayton Edward A.B. 1942, American University	D.C. D.C.
Swain, Garrett Michael Swegart, Jack Eugene Timberlake, Franklin Philip A.B. 1942, Whittier College	Md. Mo. Calif.	Yates, Richard Anthony Yowell, William Bruce, Jr. (With distinction)	Md. D.C.
Towey, Shirley Catherine Vargas, Lester Lambert (With distinction) A.B. 1943, Brown University	N.J. R.I.	B.S. 1942, University of Maryland Zimmerman, Lorenz Eugene (With distinction)	D.C.
Walker, Clifford Layton	Calif.	A.B. 1943, The George Washington University	

# STUDENTS REGISTERED IN THE SCHOOL OF MEDICINE

1944-45

## A

Ackerman, Joseph Laurence  
Adams, Samuel Webster  
Alban, Emil John, Jr.  
Alterman, Seymour Lewis  
Amoroso, William Louis  
Anderson, Donald Hood  
Anderson, Norman Peter  
Archer, Benjamin Lester  
Arnason, Kristi  
B.S. 1944, University of Washington  
Arnold, McAlpin Hill

Del.  
D.C.  
Conn.  
N.Y.  
D.C.  
Ala.  
Calif.  
Fla.  
Wash.

Brockbank, Wells Evans  
Brownlee, Harrison James  
A.B. 1942, Houghton College  
Buckler, Arthur Stanley

## C

Cajigas, Tomas Robert  
Campbell, Charles John  
Carter, John Paul  
A.B. 1943, The George Washington University  
Casey, Ernest Raymond, Jr.  
B.S. 1944, University of Wyoming

Ga.

Cerra-Quinones, Jose  
Chapman, John Chapman  
Chun, William  
Choisser, Marion Louise  
Choisser, Robert Voltaire  
Christoffersen, Olaf Holman  
Clark, Homer Hong  
B.S. 1943, Brigham Young University

## B

Bachman, Frederick Charles  
Baird, Robert Evanston  
Baker, Stewart Lee, Jr.  
B.S. 1942, University of Maryland  
Baillard, Edwin Robert  
A.B. 1943, Whitman College  
Ballinger, Edwin Ray  
A.B. 1943, Maryville College  
Band, Raymond Isaac  
Barker, Charles Paul  
A.B. 1940, University of Michigan  
Bass, Theodore Parker  
Bateman, Joseph Robert  
Bean, Harold Richard  
A.B. 1942, American University  
Beck, Robert Charles  
Beck, Walter Charles  
Belton, Robert Reid  
Berry, Guy Neill  
B.S. 1942, Northwestern University  
Berty, James Frederick  
A.B. 1943, Washington and Lee University  
Berte, Stephen Joseph  
A.B. 1943, Duke University  
Biery, Chester Donald  
B.S. 1943, Mount Union College  
Burge, Breck Venus  
Bingham, Maurice Nolan  
Black, Emilie Ann  
B.S. 1942, The George Washington University  
Blair, Edwin  
Blanchard, Cyrus Lloyd  
Blount, Jasper Monroe, Jr.  
B.S. 1943, University of Mississippi  
Bohrer, Charles A.  
A.B. 1943, University of Wisconsin  
Bowie, David Irving  
Boyd, William D.  
Brady, Luther Weldon, Jr.  
Brock, Howard Thomas  
B.S. 1943, The George Washington University  
Brockbank, Wallace Reed

Pa.  
Wash.  
D.C.

Wash.

D.C.

D.C.

D.C.

D.C.

D.C.

Md.

D.C.

D.C.

Ariz.

Va.

Md.

Mo.

Va.

N.Y.

Ohio

D.C.

Wash.

D.C.

N.Y.

Mass.

Miss.

Mo.

Wis.

D.C.

D.C.

D.C.

D.C.

Utah

## D

Daines, Newel George, Jr.  
Daisley, Gordon Walford, Jr.  
Dalry, Richard Francis  
\*Davis, Akim Thornwall  
Davis, Harold Arthur  
A.B. 1943, The George Washington University  
Dayton, Glenn Orville  
Denslow, Huston  
Depew, Harry Walker  
A.B. 1941, University of California  
Derrum, Ruth Elizabeth  
A.B. 1942, Mount Holyoke College  
Devine, Charles Joseph, Jr.  
A.B. 1943, Washington and Lee University  
Dicksa, Alvin Paul  
Dicksa, Carl Adam  
Dietler, Patrick Chester, Jr.

(60)

\* Withdrew.



Dillon, John Francis	D.C.	Hawkins, Chief Fletcher	Calif.
Doland, Alger Burr	N.J.	Hays, Freeman Cornelius	Miss.
Doody, Thomas Edward	Calif.	B.S. in Phar. 1941, University of Mississippi	
A.B. 1943, Stanford University		Hecht, Moses Bernard	N.Y.
Dulin, Samuel Nathan, Jr.	N.C.	Heenan, Thomas Alexander	N.J.
B.S. 1942, University of North Carolina		B.S. 1941, University of Michigan	
		Hendricks, Franklin D.	Utah
		B.S. 1940, Utah State Agricultural College	
<b>E</b>		Hightower, Harry Gray	Okla.
Early, Joseph Howard, Jr.	Va.	A.B. 1942, University of Oklahoma	
Ebnother, Carl Lutz	Calif.	Hill, Edward Crane	Idaho
Eckdahl, Robert Wilson	Wash.	Hodges, Robert M., Jr.	Calif.
Ederer, Claude Gordon	Wash.	A.B. 1943, University of California at Los Angeles	
Elliott, John Monet	Calif.	Hoffman, Carl Joseph	Pa.
A.B. 1942, Stanford University		B.S. 1942, Catholic University of America	
Ellsworth, Homer Smith	Ariz.	Hoffman, Richard Franklin	Calif.
B.S. 1942, University of Arizona		Holeman, Richard Worth	N.J.
Esch, Victor Henry	D.C.	Hollister, James Kleiser	Calif.
Evans, Bruce Andrew	Idaho	Holmes, Isham Earl	Mo.
Evans, Charles Dudley	W.Va.	Hopkins, George Jerome	D.C.
		Houts, Richard Edward	Calif.
		Howard, Quentin Eugene	Idaho
		Hunt, Robert Clarence	D.C.
		B.S. 1942, Mount St. Mary's College	
<b>F</b>			
Farrell, Joseph Peter	D.C.	<b>I</b>	
Featherston, John Smith	Miss.	Irey, Robert Blair	D.C.
B.S. 1943, University of Mississippi		Isreal, Peter Roy	D.C.
Ferris, Chalmers Williams	Ohio		
B.S. 1943, Mount Union College		<b>J</b>	
Fogarty, Thomas Patrick	D.C.	Jacobson, Marshall Hannis	Va.
Fowler, DeLora Leone	D.C.	Jankowski, Leo	Ohio
Frasqueri, Eduardo Rafael	P.R.	A.B. 1942, Ohio State University	
Frazier, Donald Benjamin	D.C.	Jenkins, Thomas Rodgers, Jr.	Md.
Friedrich, Fredrick Arthur	Ohio	B.S. 1944, Franklin and Marshall College	
A.B. 1943, Youngstown College		Johan, Morton	D.C.
		Johnson, Donald Arthur	Wis.
		Johnson, Linwood Hill, Jr.	R.I.
		A.B. 1942, Brown University	
		Johnson, William H.	Va.
		Johnston, J. Monte	Wash.
		Johet, John Charles	Ohio
<b>G</b>			
Gaston, Charles William	Ala.	<b>K</b>	
A.B. 1943, University of Alabama		Kartus, Beatrice June	D.C.
Gee, George Leonard	D.C.	Kaufman, Paul	N.Y.
Geiger, Jason	D.C.	A.B. 1943, New York University	
A.B. 1943, The George Washington University		Kennelly, John McRae	Oreg.
Glazener, Fred Strayhorn	N.C.	Kester, Beryl Conklin	D.C.
Glew, Donald Henry, Jr.	D.C.	Kischerer, Harry Jay	Ill.
Glover, Sarah Elizabeth	Va.	Kimball, Howard Widtsoe	Ariz.
Goldstein, Norman Philip	N.Y.	Kime, Donald Perry	Ind.
A.B. 1941, New York University		Kingman, Allen Frederick, Jr.	D.C.
Good, Frederick Dale	Ohio	Kischak, Joseph Thomas	Wash.
A.B. 1944, Otterbein College		Klopfenstein, Karl Henry	Wash.
Gonzalez, Rodolfo Manuel	Calif.	A.B. 1943, University of Washington	
A.B. 1942, University of California		Knauer, William Jerome, Jr.	Fla.
Greaves, Harley, Jr.	Idaho	Kovach, Coleman William	Pa.
Greaves, Howard Pendleton	Idaho	Kowalewski, Edward Joseph	Pa.
B.S. 1942, University of Idaho		Kurland, Walter	D.C.
Green, Lester Bertleson	Calif.	B.S. 1942, The George Washington University	
B.S. in Phar. 1943, University of Idaho, Southern			
Gunning, John Emmett	Calif.	<b>L</b>	
Gyarlas, William James	Kans.	Lando, Lester	N.Y.
A.B. 1942, University of Kansas		B.S. 1942, University of Michigan	
		Lane, Walter Harold, Jr.	Va.
		Langdell, Robert Dana	Calif.
<b>H</b>			
Hall, Wilson Luther	Ohio		
A.B. 1943, College of Wooster			
Halliday, William Ross, Jr.	D.C.		
Hamilton, Paul Key	Ala.		
B.S. 1942, Birmingham-Southern College			
Hanowell, Ernest Geddin	D.C.		
Hardy, Frank McNairy, Jr.	Wash.		
Harmon, Ernest Emery	Md.		
Harris, Lester Friedrich	D.C.		
Harrison, Bernard Arnold	D.C.		
Hartsack, Frederick Burgess	D.C.		

Lee, Robert Yoon Sung	T.H.	Myers, Helen Sherman	Calif.
Levin, Floyd Dale	Wash.	B.S. 1940, The George Washington University	
B.S. 1942, University of Washington			
Littleton, Louisa Chandler	Va.	Myers, Richard Clayton	Md.
A.B. 1939, Emory and Henry College			
Livingston, Harold Charles	N.Y.	N	
Livingston, Samuel	N.Y.	Naiman, Robert Morton	D.C.
Lobb, Allan Wilbur	Wash.	Neilson, Robert Oliver	Calif.
Loggins, James E., Jr.	D.C.	Nelson, Bertle	D.C.
Lonsley, Jay Rhodes	Wis.	Nessell, William Edward	D.C.
A.B. 1942, Carleton College		A.B. 1942, The George Washington University	
Lowe, Waynard Wilson	Idaho	Newell, Charles Conklin	Ohio
B.S. 1942, University of Idaho		Niswonger, Joseph Kingdon	Ohio
Lundy, LeRoy Fred	Wash.	Norris, Donald Arthur	N.Y.
Lyons, David Robert	N.Y.	A.B. 1942, University of Rochester	
Lyons, Robert Timothy	Conn.	Nuttall, Robert Bostick	N.Y.
M			
Mahaffey, Steve Renfrew	Calif.	O	
Mankin, Haven Winslow	Md.	Olshaker, Bennett	D.C.
A.B. 1943, Washington and Lee University		A.B. 1943, The George Washington University	
Mann, James Packard	D.C.	O'Neill, Edward	P.R.
Manthey, Charles E.	Ohio	Orsinger, William Hubert	D.C.
Marano, Matthew Joseph	N.J.	B.S. 1943, Catholic University of America	
Martel, Stuart Henry	Wash.	Ostrow, Bernard Howard	D.C.
Martin, Robert Edward	Pa.	P	
Mattingly, Robert Andrew, Jr.	D.C.	Pallotta, Elizabeth Mary	Vt.
McAvoy, William Bernard	Maine	Parrish, Alvin Edward	D.C.
McCarthy, Robert Joseph	N.J.	Patterson, Harold Eugene II	Wash.
McFall, Creed Flannery	D.C.	A.B. 1942, Stanford University	
McGarry, Edward Clifford	N.J.	Paul, Eudell George	Ind.
McKibben, Ernest Collett, Jr.	Wash.	Pavluk, Walter	Ohio
B.S. 1942, State College of Washington		B.S. 1943, Western Reserve University	
McKinney, Worthy William	Okla.	Peery, James Brown	S.C.
McLoone, Edward Watkins	Calif.	Perkins, John Walter	D.C.
B.S. 1942, University of Notre Dame		Plunkett, Edmond Robert	Md.
McLoone, John Joseph	Calif.	Pollock, John Rogers, Jr.	Okla.
B.S. 1942, University of Arizona		B.S. 1942, University of Oklahoma	
McNaughton, Elisabeth H.	Pa.	Post, Lawrence A.	Wis.
McShane, William Robert	Pa.	Preisner, Warren G.	D.C.
Mead, Charles Alexander, Jr.	Md.	Prather, Charles DeVault	D.C.
Mears, Thomas Wakefield	Ala.	Price, John Wellington	D.C.
B.S. 1943, University of Alabama		Prichard, John Elmer	D.C.
Melenzyer, Charles Louis	Pa.	Prichard, Robert Williams	N.J.
B.S. 1943, Bucknell University		Q	
Merrill, Lowell Garr	Idaho	Quigley, Thomas Albert, Jr.	Miss.
A.B. 1942, Stanford University		A.B. 1943, University of Mississippi	
Milan, Ramon A.	P.R.	R	
Millar, Jack William	Calif.	Randel, Hugh Wayne	Okla.
Millar, Max Stephen	Calif.	B.S. 1942, University of Oklahoma	
A.B. 1943, Fresno State College		Rankin, Joseph Eugene	Md.
Miller, Bradford	N.J.	Rawlings, Maurice Scaggs	Calif.
Miller, Frank Lewis	D.C.	Rea, Edward L.	
Miller, Frank Nelson	D.C.	A.B. 1942, University of California	Calif.
B.S. 1943, The George Washington University		Reid, Spencer Beal	Calif.
Miller, Robert Lawrence	N.J.	Rohn, Robert	Okla.
B.S. 1943, Rutgers University		Rook, Rex Louis	D.C.
Miller, Spencer Kelsey	Conn.	Rose, Jerome Victor	
A.B. 1942, Miami University		S	
Mills, Stephen Roy, Jr.	Va.	Sanchez, Luis F.	P.R.
Montgomery, Robert Henry	Iowa	Sargent, James Allen	Calif.
B.S. 1942, University of Dubuque		Schneider, Bertram Alexander	N.Y.
Montgomery, Robert Rice	D.C.	Schoene, Fred Carl	Wis.
Morgan, James Martin	Ala.		
A.B. 1943, University of Alabama			
Morrow, Gay	D.C.		
A.B. 1943, Lynchburg College			
Mossman, Paul Burrell	Calif.		

Sciscent, Verdi Italo	D.C.	Thomas, John Benton	Del.
A.B. 1942, University of Alabama		Thomson, Talmage Maiben	Utah
*Schmidt, William Edward	Md.	A.B. 1942, Brigham Young University	
B.S. 1943, The George Washington University		Throckmorton, Neville Inskeep, Jr.	Calif.
Segal, Jack Phillip	D.C.	Timberlake, Franklin Philip	Calif.
Shanahan, Kathleen Eva	Mich.	A.B. 1942, Whittier College	N.J.
Shaw, Frances Page	Miss.	Towey, Shirley Catherine	N.Y.
A.B. 1942, University of Mississippi		Treichler, Howard Pettit	
Shillinger, Frederick William	Md.		V
Shumaker, Eliza Cochran	D.C.	Vargas, Lester Lambert	R.I.
Siddoway, John Lewis, Jr.	Utah	A.B. 1943, Brown University	
Silva, Jose Luis	Cuba		W
B.S. 1943, Villanova College			
Silen, Maurice Arthur	D.C.	Walker, Clifford Layton	Calif.
Sites, James Glover	Va.	Warner, Glenn Allyn	Wash.
Slater, Ronald Ballard	Calif.	Waxberg, Joseph David	N.Y.
A.B. 1942, University of California		Weber, Charles John, Jr.	Ga.
Smith, Charles Reed	D.C.	Wechsler, Herbert Milton	D.C.
Smith, Jullien Lyle	Calif.	A.B. 1943, The George Washington University	
Snow, Margaret Throckmorton	Iowa	Wehr, Maurice Burton	Md.
Sowers, Names Adam	Calif.	Wertkin, Edward	Pa.
Soyster, Hale Bryant, Jr.	D.C.	B.S. 1938, University of Pittsburgh	
Speaker, Richard B.	Calif.	Westfall, John Finley	Ariz.
Spencer, Orson Bradham	D.C.	Whelton, Richard Lee	D.C.
Spies, Harold Wade	Utah	B.S. 1943, University of Maryland	
B.S. 1942, Mount Union College	Ohio	White, Philip Taylor	Ohio
Squires, Charles Lloyd	Pa.	Whitmoyer, Robert Ellwood	Pa.
St. John, Nicholas E.	Conn.	Wilson, Thomas Moser	D.C.
Ph.B. 1931, Yale University		Woo, Joseph Clarence, Jr.	Calif.
Stoller, Raymond	D.C.	Wood, Clayton Edward	D.C.
Stone, Thomas Edward	D.C.	A.B. 1942, American University	
A.B. 1943, The George Washington University		Wood, Edwin Charles	D.C.
Stone, William Leete III	Va.	*Wrenn, Thomas Randall	Va.
Stotler, Robert Cresap	Wash.	A.B. 1944, University of Richmond	
Strong, William Ronald	Va.		Y
Stroup, Matthew Alfred	N.C.	*Yates, George Thomas	D.C.
A.B. 1939, University of North Carolina		Yates, Richard Anthony	Md.
Strout, Warren Greenleaf	Maine	Yowell, William Bruce, Jr.	D.C.
A.B. 1943, University of Maine		B.S. 1942, University of Maryland	
Swain, Garrett Michael	Md.		Z
Sweetart, Jack Eugene	Mo.	Zimmerman, Joe Adlai	Mo.
Syme, Robert Haldane	Wyo.	A.B. 1943, Westminster College	
		Zimmerman, Lorenz Eugene	D.C.
		A.B. 1944, The George Washington University	
T			
Taylor, Clayton B.	Calif.		
Thaw, Benjamin Dows	D.C.		



## SUMMARIES OF REGISTRATION 1944-45

### NUMBER OF REGISTRATIONS

Class entering September 1944.....	88
Class entering November 1943.....	75
Class entering March 1943.....	85
Class entering June 1942.....	74
Total.....	322

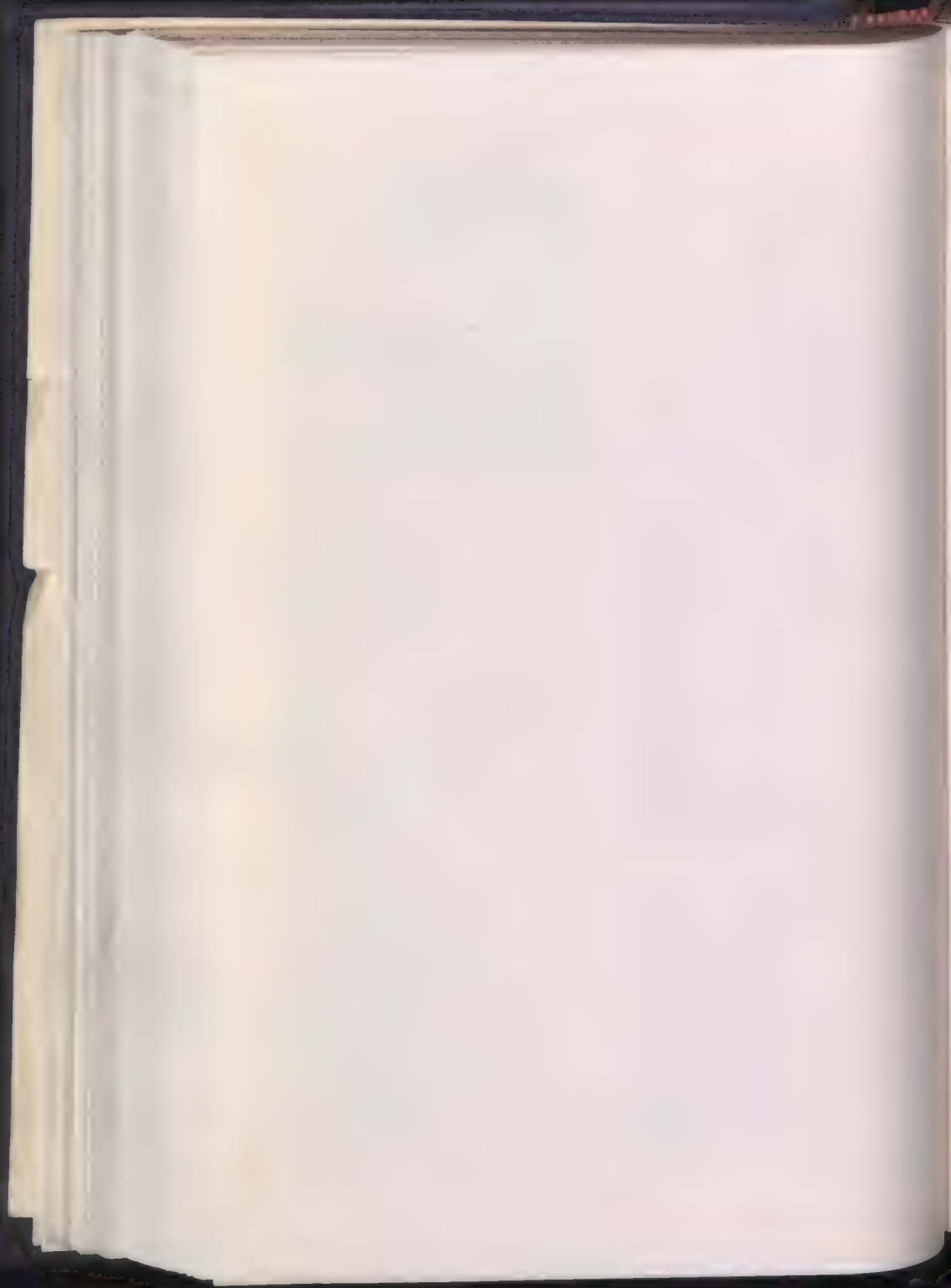
### GEOGRAPHICAL DISTRIBUTION OF STUDENTS

Alabama .....	5	New York .....	17
Arizona .....	4	North Carolina .....	3
California .....	40	Ohio .....	15
Colorado .....	1	Oklahoma .....	5
Connecticut .....	5	Oregon .....	1
Delaware .....	2	Pennsylvania .....	11
District of Columbia.....	88	Rhode Island .....	2
Florida .....	2	South Carolina .....	1
Georgia .....	2	Utah .....	1
Idaho .....	7	Vermont .....	1
Illinois .....	1	Virginia .....	10
Indiana .....	2	Washington .....	1
Iowa .....	2	West Virginia .....	5
Kansas .....	1	Wisconsin .....	2
Maine .....	2	Wyoming .....	1
Maryland .....	18	Canada .....	1
Massachusetts .....	1	Cuba .....	1
Michigan .....	1	Puerto Rico .....	1
Mississippi .....	6	Territory of Hawaii.....	1
Missouri .....	5		
New Jersey .....	11	Total.....	322

### GRADUATES OF COLLEGES REGISTERED IN THE SCHOOL OF MEDICINE

Alabama, University of .....	4	Fresno State College .....	1
American University .....	2	George Washington University.....	15
Arizona, University of .....	2	Houghton College .....	1
Birmingham-Southern University ..	1	Idaho, University of .....	1
Brigham Young University .....	2	Kansas, University of .....	1
Brown University .....	2	Lynchburg College .....	1
Bucknell University .....	1	Maine, University of .....	1
California, University of .....	5	Maryland, University of.....	1
Carleton College .....	1	Maryville College .....	1
Catholic University of America....	3	Miami University .....	1
Dubuque, University of .....	1	Michigan, University of .....	1
Duke University .....	1	Middlebury College .....	1
Emory and Henry College .....	1	Mississippi, University of .....	1
Franklin and Marshall College ....	1	Mount Holyoke College .....	1

Mount Union College .....	3	Villanova College .....	1
Mount St. Mary's College .....	2	Washington State College .....	1
New York University .....	2	Washington, University of .....	3
North Carolina, University of ...	2	Washington and Lee University...	3
Northwestern University .....	1	Western Reserve University .....	1
Notre Dame, University of .....	1	Westminster College .....	1
Ohio State University .....	1	Whitman College .....	1
Oklahoma, University of .....	3	Whittier College .....	1
Otterbein College .....	1	Wisconsin, University of .....	1
Pittsburgh, University of .....	1	Wooster College .....	1
Richmond, University of .....	1	Wyoming, University of .....	1
Rochester, University of .....	1	Yale University .....	1
Rutgers University .....	1	Youngstown College .....	1
Stanford University .....	4		
Utah State Agricultural College ...	1	Number of college graduates...	108
Vassar College .....	1	Number of colleges represented	57





## WARTIME PROGRAM

IN

### THE GEORGE WASHINGTON UNIVERSITY

The George Washington University has adjusted its educational program to meet the students' present wartime requirements and their need to plan for careers after the war.

The accelerated program, established for the duration of the National Emergency, enables young people to pursue college training continuously and become of service to the country at the earliest possible time. New wartime courses are developed in the Division of Extension, as the need arises, in such varied fields as aviation, Russian, and the languages, economics, and geography of the Far East. Throughout the departments of the University there are courses that provide inservice training for essential government war workers.

To prepare students for postwar careers, the University is now expanding its programs in fields of growing importance. New courses have been established in geography, labor relations, finance, public administration, international economics, and vocational counseling.

#### RESEARCH

The University has been asked by the Office of Scientific Research and Development to undertake vital experimental war projects about which, for purposes of security, little may be mentioned. Hundreds of skilled scientists have been called together and laboratories have been developed for research on items of ordnance. Under contract with this same office, the University is carrying on extensive studies on specific medical problems and also on problems connected with tropical deterioration. Members of the faculty directed studies which measured the results of the Army training program in the languages as offered by colleges and universities throughout the country. In response to requests from the Quartermaster Corps and various government offices, members of the Faculty are continuing to direct research in biology and physics.

(i)

#### DIETETICS TRAINING FOR NAVY NURSES

The Department of Home Economics of the School of Education, in cooperation with the Nurse Corps of the United States Navy, provides a special course in Dietetics for Navy Nurses who are preparing for hospital assignments as dietitians. Subjects include Quantity Cookery, Institutional Management, Food Sanitation, Diet Therapy, Special Diet Preparation, and Nutrition.

#### ENGINEERING WAR TRAINING PROGRAM

The George Washington University was the first school in the country to offer courses in Engineering, Science, and Management War Training in cooperation with the United States Office of Education. Since December 1940, when the program was inaugurated, more than 12,750 students have received training in 387 different courses offered by the University under this program. At the present time, some forty courses are offered which include such subjects as advanced engineering mathematics, general engineering drafting, marine engineering, photogrammetry, production engineering, advanced radio technique, thermodynamics, and water supply, sewerage, and camp sanitation. This work is largely offered at the University in the evenings on a part-time basis; a few classes are taught at government agencies and industrial establishments. In general, the courses are from sixty to ninety class hours, with three terms of fifteen weeks each being held during the year.

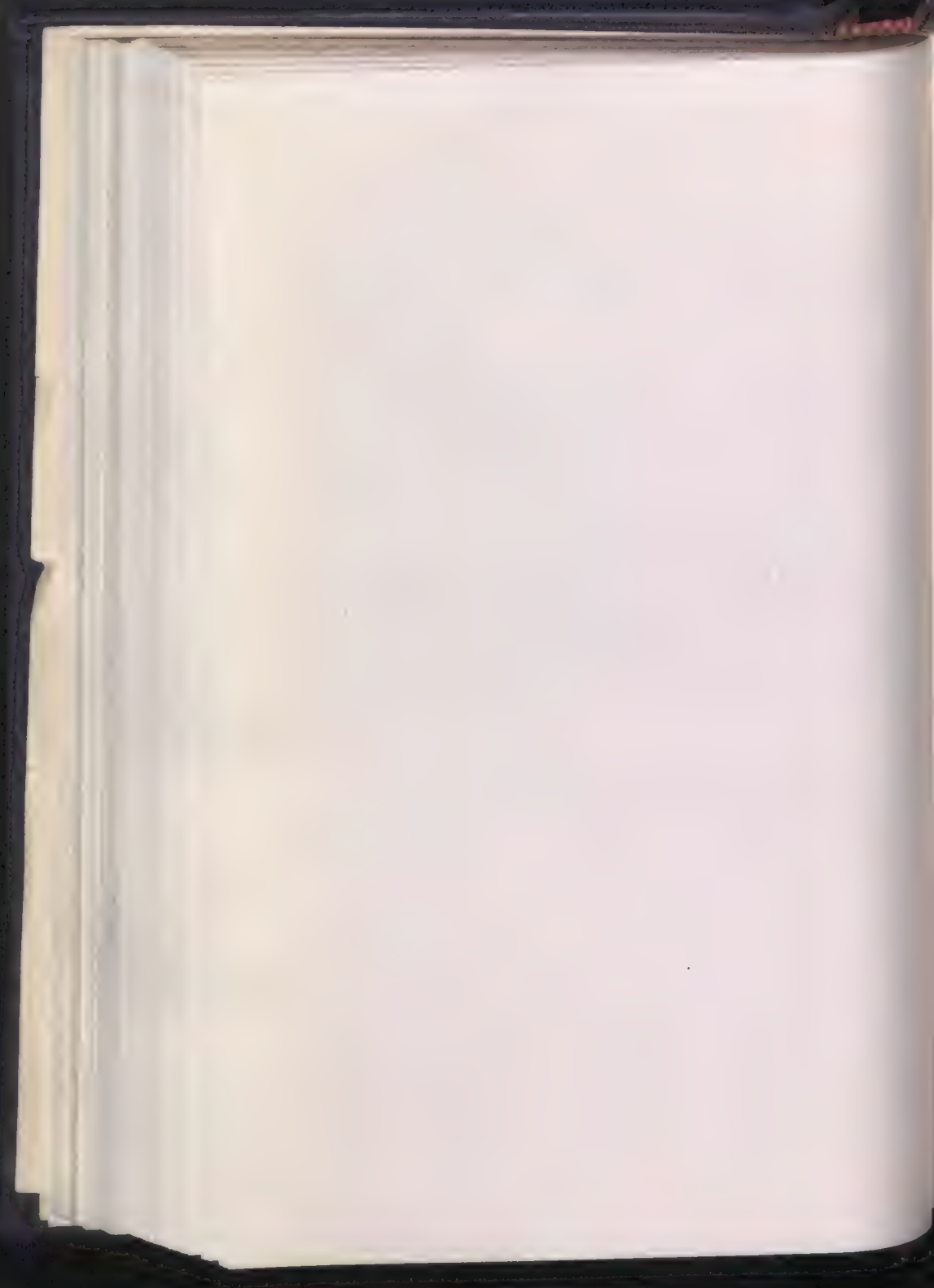
#### EDUCATION OF VETERANS

For information concerning the program of The George Washington University for the education of veterans, see pages 139 and 140.

THE CATALOGUE ISSUE

1945-46





THE  
GEORGE  
WASHINGTON  
UNIVERSITY  
BULLETIN

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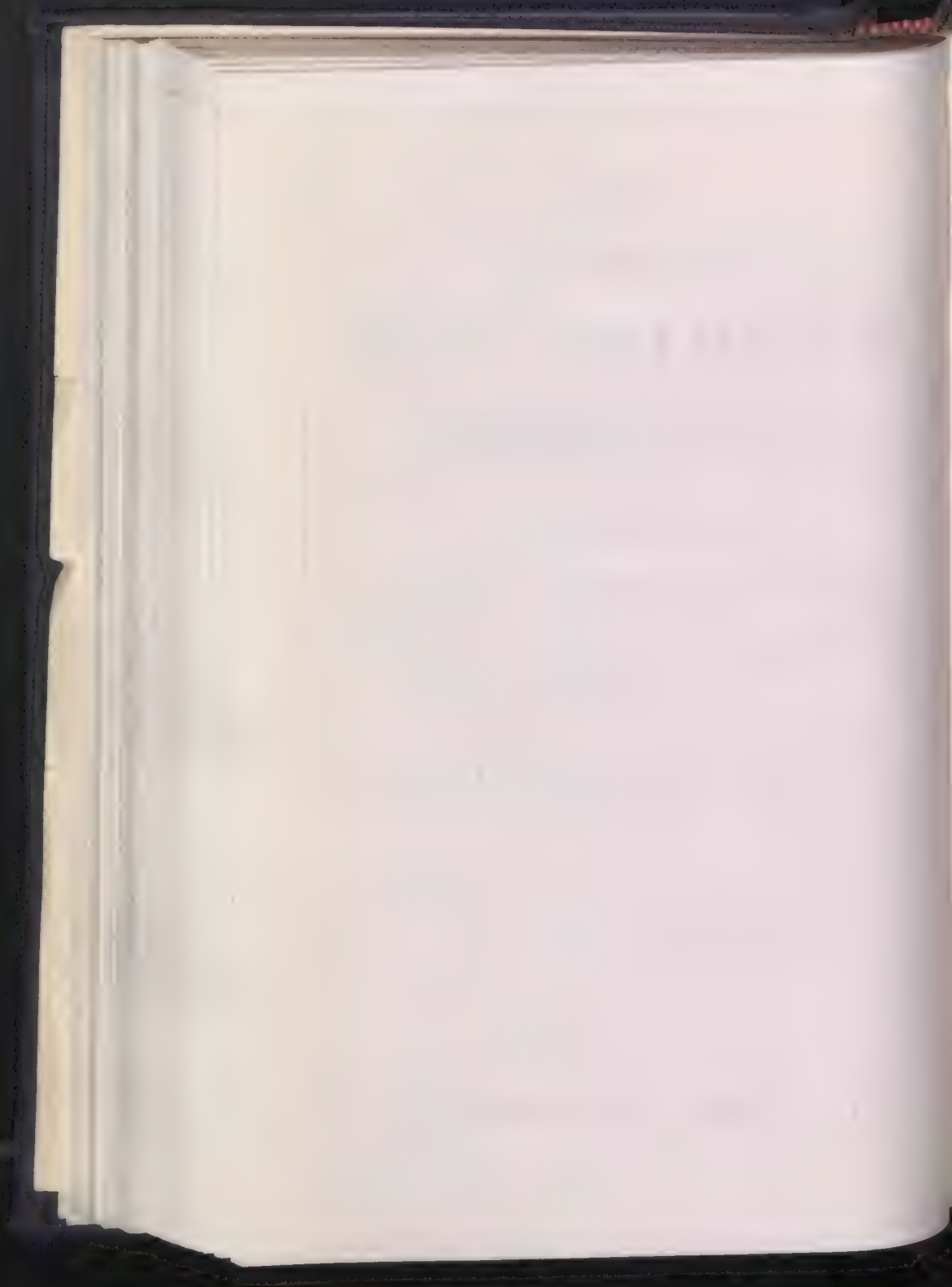
THE CATALOGUE ISSUE

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WASHINGTON, D. C.

PUBLISHED IN JUNE

BY THE UNIVERSITY





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THE UNIVERSITY CALENDAR



1945

July						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
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29	30	31				

August

				1	2	3
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September

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October

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27	28	29	30	31		

November

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December

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30	31					

1946

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February

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July

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August

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September

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October

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November

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December

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2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

# THE UNIVERSITY CALENDAR\*

1945-46

Date	Day	Occasion
<b>1945</b>		
<b>FALL TERM:</b>		
Sept. 10-26.....		Pre-registration period for the fall term
Sept. 26.....	Wednesday .....	Meeting of the University Faculty Examinations for students who wish to qualify for advanced courses
Sept. 27.....	Thursday .....	Registration of new students
Sept. 28 and 29.	Friday and Saturday...	Registration of former students
Oct. 1.....	Monday .....	Academic year begins
Oct. 11.....	Thursday .....	Stated meeting of the Board of Trustees
Oct. 13.....	Saturday .....	Foreign-language examinations for candidates for the degree of Master of Arts Last day for registration for credit for the fall term Last day on which candidates may file thesis subjects for the Master's degrees conferred in February
Oct. 27.....	Saturday .....	Last day on which candidates may file thesis subjects for the degrees of Doctor of Philosophy and Doctor of Education to be conferred the following May
Nov. 22-24....	Thursday through Saturday .....	Thanksgiving recess
Dec. 4.....	Tuesday .....	Meeting of the Academic Council
Dec. 13.....	Thursday .....	Stated meeting of the Board of Trustees
Dec. 24-Jan. 1..	Monday through Tuesday .....	Christmas recess
<b>1946</b>		
Jan. 2.....	Wednesday .....	Classes resume Last day for applications for degrees to be conferred in February

\* The accelerated program requires the School of Medicine and the Law School to arrange schedules differing from that of the other colleges and schools. Opening and closing dates for these schools are stated following the University calendar. Detailed calendars for these schools are in their respective separate bulletins.

## THE UNIVERSITY CALENDAR—Continued

Date	Day	Occasion
Jan. 2.....	Wednesday .....	Last day for receiving theses of candidates for the degrees of Doctor of Philosophy and Doctor of Education to be conferred in February
Jan. 14-25.....	.....	Pre-registration period for the winter term
Jan. 17.....	Thursday .....	Last day of classes for the fall term
Jan. 18-26.....	Friday through Saturday .....	Fall term examination period
Jan. 21.....	Monday .....	Last day for receiving theses of candidates for the Master's degrees and for the professional degrees in Engineering to be conferred in February
WINTER TERM:		
Jan. 28.....	Monday .....	Examinations for students who wish to qualify for advanced <del>courses</del>
Jan. 30 and 31.	Wednesday and Thursday .....	Registration for the winter term
Feb. 1.....	Friday .....	Classes resume for the winter term
Feb. 2.....	Saturday .....	Foreign-language examinations for candidates for the Master's degrees
Feb. 14.....	Thursday .....	Stated meeting of the Board of Trustees
Feb. 15.....	Friday .....	Last day for registration for credit for the winter term
		Last day on which candidates may file thesis subjects for the Master's degrees to be conferred in May
Feb. 22.....	Friday .....	Winter Convocation. Holiday
March 1.....	Friday .....	Applications for fellowships for 1946-47 should be filed
March 14.....	Thursday .....	Stated meeting of the Board of Trustees
March 26.....	Tuesday .....	Meeting of the University Faculty
April 15.....	Monday .....	Pan American Day Convocation
April 18.....	Thursday .....	Last day for receiving theses of candidates for the degrees of Doctor of Philosophy and Doctor of Education to be conferred in May



## THE UNIVERSITY CALENDAR—Continued

Date	Day	Occasion
April 18.....	Thursday .....	Last day on which candidates may file thesis subjects for the degrees of Doctor of Philosophy and Doctor of Education to be conferred the following February
April 19 and 20	Friday and Saturday...	Easter recess
April 30.....	Tuesday .....	Meeting of the Academic Council
May 1.....	Wednesday .....	Last day for applications for degrees to be conferred in May
May 1.....	Wednesday .....	Applications for scholarships for 1946-47 should be filed
May 4.....	Saturday .....	Foreign-language examinations for candidates for the degree of Master of Arts
May 6.....	Monday .....	Last day for receiving theses of candidates for the Master's degrees and for the professional degrees in Engineering to be conferred in May
May 13-17.....	.....	Pre-registration period for the summer term
May 14.....	Tuesday .....	Last day of classes for the winter term
May 15-25.....	Wednesday through Saturday .....	Winter term examination period
May 23.....	Thursday .....	Annual Meeting of the Board of Trustees
May 26.....	Sunday .....	Baccalaureate Sermon
May 29.....	Wednesday .....	Commencement
<b>SUMMER TERM:</b>		
June 3.....	Monday .....	Registration for the first session of the summer term
July 4.....	Thursday .....	Independence Day. Holiday
July 24.....	Wednesday .....	First summer session ends
July 25.....	Thursday .....	Registration for the second session of the summer term
Sept. 2.....	Monday .....	Labor Day. Holiday
Sept. 13.....	Friday .....	Second summer session ends
Sept. 26, 27, and 28.....	Thursday, Friday, and Saturday .....	Registration for the fall term of the academic year 1946-47

**THE SCHOOL OF MEDICINE \***

Date	Day	Occasion
1945 FALL TERM: Oct. 22.....	Monday .....	Fall term begins
1946 Dec. 24-Jan. 5.	Monday through Sat- urday .....	Christmas recess
March 4-9.....	Monday through Sat- urday .....	Fall-term examinations

**THE LAW SCHOOL**

Date	Day	Occasion
1945 FALL TERM: Oct. 1.....	Monday .....	Fall term begins
Dec. 24-Jan. 1.	Monday through Tuesday .....	Christmas recess
1946 Jan. 21-31.....	Monday through Thursday .....	Final examinations
WINTER TERM: Feb. 1.....	Friday .....	Winter term begins
May 15-25....	Wednesday through Saturday .....	Final examinations
SUMMER TERM: June 3.....	Monday .....	First summer session begins
July 27.....	Saturday .....	First summer session ends
July 29.....	Monday .....	Second summer session begins
Sept. 22.....	Saturday .....	Second summer session ends

\* This calendar applies to students in the three upper classes registered in the accelerated program. A special schedule for freshmen entering September 17, 1945 is available.

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LOUISE CONKEY POWELL, A.B. <i>Technician in Physiology</i>	1527 31st St.
EMILY KENT PULLING, A.B. <i>Technician in Anatomy</i>	2003 N. 13th St. Arlington, Va.
ANNA SNIVELY RILEY, A.M. <i>Research Associate in Pharmacology</i>	Box 264, R.F.D. 5 Alexandria, Va.
PHYLLIS STURROCK <i>Technician in Physiology</i>	2129 Florida Ave.
ROLLAN SWANSON <i>Technical Assistant in Pharmacology</i>	724 C St. NE.
LOUISA WELLS <i>Orthoptic Technician</i>	2122 California St.
DOROTHY LOUISE WINE <i>Technician in Pathology</i>	305 W. Clifton Terrace
RUTH GOODKIND ZIMLER, A.B. <i>Research Assistant in Biochemistry</i>	737 N. Nelson St. Arlington, Va.



## ADMINISTRATIVE ASSISTANTS

### OFFICE OF THE PRESIDENT

Mildred Covey, A.B., M.S. in Ed., *Assistant to the Administrative Secretary*  
Jessie Bigelow Martin, A.B., *Editorial Assistant*  
Lennice Kendrick de Booy, LL.B., *Public Relations Assistant*  
Cecile Favreau Holvik, A.B., *Secretary in the Office of the President*

### OFFICES OF THE DEANS AND DIRECTORS

Marguerite Rusling Mesny, *Secretary to the Dean of the Junior College*  
Rachel Cauldwell Rogers, *Secretary to the Dean of Columbian College*  
Loretta Mary Payne, *Secretary to the Chairman of the Graduate Council*  
Catherine Breen, *Assistant to the Dean of the School of Medicine*  
Anna Marie Bischoff, A.B., *Secretary to the Dean of the Law School*  
Helen Madigan, *Secretary to the Dean of the School of Engineering*  
Nina M. Booth, A.M., *Secretary to the Dean of the School of Education*  
Mary Louise Lansdale, *Secretary to the Dean of the School of Government*  
Nellie Carr Anderson, A.B., *Secretary to the Dean of the Division of Special Students*  
Coralie Williams Schubert, A.B., *Secretary to the Director of the Division of Extension*  
Lois Elaine Smith, *Secretary to the Adviser on Women's Activities*  
Mary Jane Whittlesey, *Secretary in the Office of the Junior College*

### OFFICE OF THE DIRECTOR OF ADMISSIONS

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Margaret LeStourgeon Tymeson, A.B., *Evaluator*  
Helen Duckson Wright, A.B., *Evaluator*  
Ruth Sinsabaugh Blue, A.B., *Secretary to the Director of Admissions*  
Harriett Virginia Hulfish, *Clerk in the Office of the Director of Admissions*

### OFFICE OF THE REGISTRAR

Frances Alfreda Barr, A.B., *Assistant to the Registrar*  
Florida Franklin Borchert, A.B., *Record Clerk*  
Betty Lou Trowbridge, *Transcript Clerk*

Norma Esther Hamm, *Secretary to the Registrar*  
Eileen McDaniel Prewitt, A.B., *Statistical Clerk*  
Dorothy Ellen Hobson, *File Clerk*

#### THE LIBRARY

\*Mason Tolman, A.M., B.S. in L.S., *Assistant Librarian*  
Anna Virginia Appich, A.B., *Secretary to the Librarian; Accessions Assistant*  
Betty Hill Reavis, A.M., *Assistant Librarian, Medical Library*  
Anne von Ammon, *Assistant, Periodical Room*  
Mary Elizabeth Thompson, B.S., B.S. in L.S., *Assistant Librarian, Cataloguing*  
Elsie Lois Bell, A.B., A.B. in L.S., *Assistant, Reserve Book Reading Room*  
Vida Mae Jones, A.B., B.S. in L.S., *Assistant Librarian, Circulation and Reference*  
Ellis Earl Champlin, A.B., *Assistant Librarian, Law Library*

#### OFFICE OF THE COMPTROLLER

Albert Eldridge Smith, B.C.S., *Accountant*  
Daniel John Tyrrell, *Cashier*  
Lamar Lyon Burton, B.S., *Disbursing Officer*  
Evelyn Broadfield Thomas, *Chief Assistant in the Office of the Cashier*  
Charles George Ruhl, *Office Supervisor in the Office of the Cashier*  
Beatrice Coffman Warder, *Assistant in the Disbursing Office*  
Margaret Payne Greene, B.S., *Secretary in the Office of the Comptroller*  
Anne Elizabeth Simmons, *Assistant in the Disbursing Office*  
Mary Eleanor Lufkin, *Clerk in the Disbursing Office*  
Marian Louise Sickenberger, *Clerk in the Office of the Cashier*  
Marie Kauffman Leath, *Clerk in the Disbursing Office*  
Emily Cottrell Fair, *Clerk in the Office of the Cashier*

#### OFFICE OF THE BUSINESS MANAGER

George Dewey Eckert, *Superintendent of Shops*  
Henrietta Rosenblatt, *Purchasing Assistant*  
Eugene Harry Garbrick, *Supervisor of Stores*  
Frank Xavier Langlois, *Superintendent of Building Maintenance*  
Lilian Wright Smith, *Garden Consultant*  
Ernestine Dunmire Beaver, M.S., *Manager of the Student Club*  
Anne Word Davies, *Manager of the Faculty Dining Room*  
Virginia Reticker Justus, *Assistant Manager of the Faculty Dining Room*

\* On war leave 1945-46.

Olga Beutler Spencer, B.S., *Secretary in the Office of the Business Manager*

Betty Mae McCrahan, *Clerk in the Office of the Business Manager*

Margaret Hughes Pfaefflin, *Telephone Operator*

Loretta Ballard, B.S. in Ed., *Assistant Manager of the Student Club*

#### THE SCHOOL OF MEDICINE

Mary Louise Moore, *Secretary*

Mary Frances Merz, A.B., *Secretary*

Naomi Ellen Earl, *Secretary*

Anne Elizabeth Schnepfe, *Stenographer*

Charlotte Nevins Miller, *Secretary*

#### THE UNIVERSITY HOSPITAL

Jane Ridenour Terry, R.N., *Superintendent of Nurses*

Tommie Jones Bolton, *Secretary to the Medical Director*

Catherine Elta Nichols, *Bookkeeper*

Carmen Baker, *Assistant Bookkeeper*

Janet Wetherbee, *Dispensary Clerk*

Theodosia Foxwell Garnett, M.T., S.R.N., *Laboratory Supervisor*

Isabel Petrie, M.T., *Laboratory Technician*

Anne Mendelson, A.B., *Laboratory Technician*

Leopold Henry Forster, Phar.G., *Pharmacist*

Bernard Robert Cooperman, *X-Ray Technician*

Mary Holden Philbrick, *Dietitian*

Margaret Scruggs French, *Record Librarian*

#### INTERCOLLEGIATE ATHLETICS

\*John Rust Busick, A.B., *Director of Men's Athletics*

\*John Davis Baker, B.S., *Football Coach*

\*Raymond George Hanken, B.S., *Assistant Football Coach*

†Arthur David Zahn, A.B., *Basketball Coach*

George Albert Lentz, *Trainer*

#### MUSICAL ACTIVITIES

Robert Howe Harmon, A.B., M.D., *Director of the Glee Clubs*

Grace Ruble Harmon, *Associate Director of the Glee Clubs*

#### RESIDENCE AND SORORITY HALLS

Blanche Cromwell Patterson, *Hostess in the Hattie M. Strong Residence Hall for Women*

Jessie Ramsey Lee, *Hostess in Staughton Hall*

Virginia Randolph Kirkbride, A.M., *Hostess in Sorority Hall, 2129 G Street*

Helen Madigan, *Hostess in Sorority Hall, 802 Twenty-first Street*

\* On war leave 1945-46.

† On leave of absence 1945-46.



THE UNIVERSITY



## HISTORY AND ORGANIZATION

### HISTORY

The idea of a university located in the Capital of the Nation was sponsored by George Washington, who during his public life urged the establishment of such an institution and who in his will left fifty shares of stock in the Potomac (Canal) Company for the endowment of a university to be established in the District of Columbia "to which the youth of fortune and talents from all parts thereof might be sent for the completion of their Education in all the branches of polite literature;—in arts and Sciences,—in acquiring knowledge in the principles of Politics & good Government".

It was George Washington's hope that the "General Government" would extend toward such an institution "a fostering hand". No steps were taken by Congress to carry out the provision of Washington's will, and the stock that he had bequeathed for the establishment of a university in the District of Columbia became valueless owing to the failure of the Potomac Canal properties.

Meanwhile, however, a movement was started by private persons under the leadership of Luther Rice to establish an institution of higher learning at the seat of the National Government for the education of the Baptist ministry and to afford general collegiate training. In 1819 an association was formed by Luther Rice, Obadiah B. Brown, Spencer H. Cone, and Enoch Reynolds for the purpose of raising funds to buy land for the use of the college.

A group of the Nation's leaders who were especially interested in Washington's idea became patrons of the college and contributed to funds raised for the purchase of land and erection of buildings. Among them were James Monroe, President of the United States; William H. Crawford, Secretary of the Treasury; John C. Calhoun, Secretary of War; William Wirt, Attorney General; Return J. Meigs, Postmaster General; and thirty-two members of the Congress.

Legally to implement the college a petition was made to Congress for the incorporation of "the General Convention of the Baptist Denomination in the District of Columbia for evangelical and literary purposes". This petition was denied by Congress, on April 26, 1820, because of its sectarian character.

Failing to obtain a denominational charter, members of the association enlarged their objective to embrace national aims, and with the sponsorship of Government leaders there was presented in Congress a bill for the incorporation of "the Columbian Society for literary purposes",



it being proposed to realize in this way "the aspirations of Washington, Jefferson and Madison for the erection of a university at the seat of the federal government".

Acting upon this second petition, on February 9, 1821, Congress chartered Columbian College in the District of Columbia, inserting in the charter by special action the provision "That persons of every religious denomination shall be capable of being elected Trustees; nor shall any person, either as President, Professor, Tutor or pupil, be refused admittance into said College or denied any of the privileges, immunities or advantages thereof, for or on account of his sentiments in matters of religion".

Thus Columbian College in the District of Columbia was chartered by Congress as one of the early nonsectarian institutions of higher learning in the United States, under the distinguished favor of President James Monroe and members of his Cabinet.

A tract of approximately forty-seven acres, extending about one-half mile northwest of Boundary Street (Florida Avenue) between 14th and 15th Streets, was purchased and by 1822 the main building was completed sufficiently to use.

Two years later, when the first Commencement was held on December 15, 1824, Congress and the Supreme Court adjourned their sessions to enable their members to attend the exercises. President Monroe, John Quincy Adams, John C. Calhoun, Henry Clay, and the Marquis de Lafayette headed the eminent company in attendance.

The School of Medicine, established in 1821, was formally opened in 1825 and has been in continuous operation since that time. The Law School, organized in 1826, was discontinued the following year, and was reestablished in 1865. It is the oldest law school in Washington.

By an act of Congress of March 3, 1873, the name of the college was changed to "Columbian University", in recognition of the enlarged scope of the institution. The following year the University was moved from its first location on "College Hill", now Columbia Heights, to the new University Hall built for it at Fifteenth and H Streets. Near-by buildings accommodated the School of Medicine.

For a period of six years, from 1898 to 1904, the University was placed under control of the Baptist Denomination. In 1904 an act restoring the original secular character of the University and authorizing change of name to The George Washington University was passed by Congress.

Subsequently all the colleges, schools, and divisions of the University except the School of Medicine, which is situated on H Street between Thirteenth and Fourteenth Streets NW., were brought together at the present location in the city block bounded by Twentieth, Twenty-first, G, and H Streets NW., and in the blocks adjacent.

In 1930 a new plan of academic organization for the liberal arts work was effected. The Junior College was established, comprising the work of the freshman and sophomore years. The junior and senior years were retained in Columbian College, which was designated the senior college of letters and sciences. As a further step, the year of study leading to the Master's degree was separated from the graduate work for the Doctor's degree and assigned to Columbian College. The Graduate Council was organized to administer the work for the degree of Doctor of Philosophy. These innovations were accompanied by the establishment of a carefully controlled independent study plan, the grouping of departments of instruction under the divisional type of organization, and the institution of a new plan of administration both for the undergraduate major and for the Master's work.

#### THE COLLEGES, SCHOOLS, AND DIVISIONS

The George Washington University includes fourteen colleges, schools, and divisions, as follows: the Junior College; Columbian College, the senior college of letters and sciences; the Graduate Council; the School of Medicine; the Law School; the School of Engineering; the School of Pharmacy; the School of Education; the School of Government; the Division of University Students; the Division of Special Students; the Division of Extension; the Inter-American Center; and the Summer Sessions.

#### ACADEMIC STATUS

The George Washington University is on the approved list of the Association of American Universities, the standard accrediting body for the United States. This fact not only assures to students the academic standards of this accrediting body, but also is important to those who desire to transfer credits from one institution to another.

The University is also accredited by its regional accrediting agency, the Middle States Association of Colleges and Secondary Schools, and is on the approved list of the American Association of University Women.

The Law School is a charter member of the Association of American Law Schools and is approved by the Council of Legal Education of the American Bar Association. The School of Medicine is a member of the Association of American Medical Colleges, is one of the medical colleges which have been designated continuously as "class A" by the American Medical Association, and is accredited for all its work by the Combined (Royal) Medical Examining Boards in England. The School of Pharmacy is accredited by the American Council on Pharmaceutical Education and is a member of the American Association of Colleges of Phar-

macy. The School of Engineering is on the accredited list of the Engineers' Council for Professional Development.

#### LOCATION

The George Washington University is in downtown Washington, four blocks west of the White House and east of the Potomac River with its extensive parkway. Within a few blocks are many of the departments of the Government, including the Department of State, the Department of the Treasury, the Department of War, the Department of Justice, the Department of the Navy, the Department of the Interior, the Department of Agriculture, the Department of Commerce, and the Department of Labor. The Corcoran Gallery of Art, the Pan American Union Building, and the National Academy of Sciences are also near by, and the Capitol, the Library of Congress, and the National Gallery of Art are readily accessible to the University.

#### GOVERNMENT

The government and general educational management of The George Washington University are vested in a self-perpetuating Board of Trustees, with the President of the University as member ex officio. The members of the Board are named for a period of three years and are divided into three classes. The members of one class are elected at each annual meeting to fill the places of the members whose terms of office expire. Two members of each class are nominated by the Alumni Association.

#### ENDOWMENT

The endowment of the University is \$2,500,000.



## EDUCATIONAL FACILITIES

### BUILDINGS

Buildings, grounds, and equipment are valued at approximately \$6,000,000.

The buildings of the Junior College, Columbian College, the Graduate Council, the Law School, the School of Engineering, the School of Pharmacy, the School of Education, the School of Government, the Division of University Students, the Division of Special Students, and the Division of Extension are grouped in the vicinity of Twenty-first and G Streets NW. The School of Medicine, the University Hospital, and the Dispensary are situated at Fourteenth and H Streets NW. The buildings of the University are as follows:

Corcoran Hall, 725 Twenty-first Street. Named in honor of the late William W. Corcoran, benefactor of the University and a former member of the Board of Trustees. Office of the Comptroller; offices of the School of Pharmacy and the School of Engineering; the chemistry, electrical engineering, pharmacy, and physics laboratories; classrooms.

Faculty Club House, 714 Twenty-first Street.

Gymnasium, 2010-12 H Street. Offices of the Department of Physical Education for Men.

Hall of Government, 710 Twenty-first Street. The gift of Mrs. Henry Alvah Strong, Trustee of the University. Offices of the School of Government; of the departments of Business Administration, Economics, History, Political Science, and Statistics.

Hospital and Dispensary, 1339 H Street.

International House, 2121 G Street. Offices of the Adviser to Students from Foreign Countries and the Director of the Inter-American Center; club rooms.

Lisner Auditorium, 730 Twenty-first Street. The gift of Abram Lisner, late Trustee of the University. The Auditorium; offices and classrooms of the Department of Speech.

Mechanical Engineering Building, 735 Twenty-first Street. Offices of the School of Engineering; engineering testing laboratories, general laboratories, drafting rooms, and classrooms.

Office of the President, 2003 G Street.

Pharmacy Research Laboratories, 2128 H Street.

School of Medicine, 1335 H Street. Offices of the Staff of the School of Medicine; anatomy, bacteriology, biochemistry, histology and embryology, pathology, pharmacology, and physiology laboratories; the Medical Library; lecture rooms; classrooms; students' rooms.

Sorority Halls:

2129 G Street, Apartments of Pi Beta Phi, Sigma Kappa, Phi Mu, Alpha Delta Pi, Delta Zeta, Zeta Tau Alpha, and Kappa Kappa Gamma sororities.

802 Twenty-first Street, Apartments of Chi Omega and Kappa Delta sororities.

Stockton Hall, 720 Twentieth Street. Named in honor of the late Rear Admiral Charles Herbert Stockton, President of the University from 1910 to 1918. Offices, library, and lecture halls of the Law School.

- Staughton Residence Hall for Women, 707 Twenty-second Street. Named in honor of William Staughton, the first President of the University (1821-1827).
- Strong Residence Hall for Women, 620 Twenty-first Street. Named in honor of the donor, Mrs. Henry Alvah Strong.
- University Library, 2023 G Street. The gift of Abram Lisner, late Trustee of the University. The library; rooms of the Board of Trustees and the Graduate Council.
- Woodhull Building, 2033 G Street. Gift of the late General Maxwell Van Zandt Woodhull, former Trustee of the University. Offices of the Adviser on Women's Activities and the Alumni Secretary; University Women's Club.
- Building A, 2026 G Street. Offices of the department of Romance Languages.
- Building B, 2024 G Street. Laboratories and classrooms of the Department of Home Economics.
- Building C, 2029 G Street. Offices of the Registrar, the Director of Admissions, and the Dean of the Division of Special Students; offices and laboratories of the departments of Biology, Botany, and Zoology; the Student Club; classrooms.
- Building D, 2013 G Street. Offices of the Dean of the Junior College, the Dean of Columbian College, the Dean of the Division of University Students, the Dean of the School of Education, and the Business Manager; offices of the departments of Art, Classical Languages, Education, English, Germanic Languages, Mathematics, Philosophy, Psychology, and Secretarial Studies; classrooms.
- Building F, 700 Twentieth Street. Office of the Director of the Division of Extension; office of student publications.
- Building G, 712 Twentieth Street. Offices of the University Physician for Women and of the Department of English.
- Building H, 714-16 Twentieth Street. Offices and locker rooms of the Department of Physical Education for Women.
- Building I, 2128 H Street. Pharmacy research laboratories.
- Building J, 2131 G Street (rear). Engineering drafting rooms; heating and ventilating, soils, mechanics, and welding laboratories.
- Building K, 2131 G Street. Office of the Student Council; student organizations.
- Buildings L and M, 716-718 Twenty-first Street. Pharmacy research laboratories.
- Building N, 720 Twenty-second Street. Center of Veterans' Service.
- Building O, 722 Twenty-second Street. Veterans' Club.

### THE UNIVERSITY LIBRARY

The University Library contains more than 160,000 volumes. The well equipped Library building houses all of the library except the law and medical collections. Over 5,000 bound volumes are added annually, and approximately 750 periodicals and publications of learned societies are received currently. Among the special collections of the Library are the Richard Heinzel Collection of Germanic philology and literature; the Curt Wachsmuth Collection of Greek and Roman literature, archeology, and history; the Mount Vernon Collection on political history, international law, and the social sciences; a representative collection of Spanish American books, the gift of the governments of Hispanic America; the Chauncey Mitchell Depew Public Speaking Collec-

tion, the gift of the late Mrs. Depew; and the Art Collection, which contains about 1,000 volumes made available by the American Institute of Architects, and the 7,500 mounted photographs of the Russell Sturgis Collection.

#### OTHER LIBRARY FACILITIES

The student has access also to the Library of Congress; the Public Library of the District of Columbia and its branches; the Library of the Carnegie Endowment for International Peace; the Library of the Pan American Union; the Library of the Bureau of Railway Economics; the Library of the United States Department of Agriculture, with its scientific departmental collections; the Library of the United States Office of Education; the Army Medical Library; the Library of the Smithsonian Institution; and many of the other great special collections of the government departments.

#### GOVERNMENTAL INSTITUTIONS ACCESSIBLE TO STUDENTS

The Congress of the United States has made the scientific resources of the Government accessible to students under the terms of the following joint resolution, approved April 12, 1892:

*Resolved by the Senate and House of Representatives of the United States of America, in Congress assembled, That the facilities for research and illustration in the following and any other Governmental collections now existing or hereafter to be established in the city of Washington for the promotion of knowledge shall be accessible, under such rules and restrictions as the officers in charge of each collection may prescribe, subject to such authority as is now or may hereafter be permitted by law, to the scientific investigators and to students of any institution of higher education now incorporated or hereafter to be incorporated under the laws of Congress or of the District of Columbia, to wit:*

- One. Of the Library of Congress.
- Two. Of the National Museum.
- Three. Of the Patent Office.
- Four. Of the Bureau of Education.
- Five. Of the Bureau of Ethnology.
- Six. Of the Army Medical Museum.
- Seven. Of the Department of Agriculture.
- Eight. Of the Fish Commission.
- Nine. Of the Botanic Gardens.
- Ten. Of the Coast and Geodetic Survey.
- Eleven. Of the Geological Survey.



## ADMISSION

All departments of the University accept men and women.

Students may enter any college, school, or division of the University except the School of Medicine at the beginning of the fall term, the winter term, or either session of the summer term.

Entrance to the School of Medicine in 1945-46 is permitted only at the opening of the term beginning September 17, 1945.

### GENERAL ADMISSION REQUIREMENTS

The following factors are considered in determining the eligibility of an applicant for admission:

1. The adequacy of previous academic work as preparation for the course of study now contemplated—including quantity and quality of work and the standing of the institution in which it was done.
2. The aptitude of the student for the course contemplated.
3. The character of the student.

The University reserves the right to refuse admission to any student who has a previous academic record of such grade as to create doubt of his ability to pursue college work successfully, or who for any other reason would not be a desirable student.

### APPLICATION FOR ADMISSION

An applicant for admission must obtain from the Office of the Director of Admissions an application blank which he must fill out completely and return. A recent photograph, with signature, of the applicant must be attached to the blank.

*To insure prompt action, applications should be filed not later than July 1 for the fall term, January 1 for the winter term, and May 1 for the summer term. Applications for admission to the School of Medicine\* should be filed as far in advance as possible because qualified applicants far outnumber the capacity of the School.*

An applicant from a secondary school must send the high school record form provided by the University to his high school principal with the request that the principal fill out the form and mail it direct to the Office of the Director of Admissions.

An applicant who has previously attended an institution of higher learning must request the registrar of that institution to mail directly to the Office of the Director of Admissions a transcript of his record. If

\* A fee of \$3 to defray the costs of completing the records for final consideration for admission to the School of Medicine must accompany each application.

he has attended more than one such institution he must request the registrar of each institution to send to the Office of the Director of Admissions a transcript of his record, *even though credits were not earned*, together with an honorable dismissal from the institution last attended.

The Graduate Record Examination sponsored by the Carnegie Foundation for the Advancement of Teaching is accepted as supplemental evidence of the applicant's educational attainment, and the appropriate report should accompany the application for admission whenever available.

### METHODS OF ADMISSION

#### FROM SECONDARY SCHOOLS

An applicant from a secondary school may be admitted by certificate or examination.

##### By Certificate

A certificate of graduation with a minimum of fifteen "units"\* from an accredited secondary school and the recommendation from the principal of the secondary school that the applicant is prepared to undertake college work will be accepted subject to the following conditions:

1. If the school is accredited by the regional accrediting association, the student must rank not lower than the fourth fifth of his class.
2. If the school is not listed by the regional accrediting association, but has been accredited by the state accrediting agency, the student must rank in the upper two fifths of his class. The Committee on Admission and Advanced Standing may review the case of a student in the third or fourth fifth and, when such action is warranted by evidence of progress in the last two years of work, may permit such a student to take a special aptitude test, from the results of which the committee will determine his eligibility or ineligibility.

##### By College Entrance Board Examinations

An applicant who cannot be admitted by certificate may qualify by passing satisfactorily College Entrance Board examinations as prescribed by the Director of Admissions. These examinations are given at The George Washington University on April 7, 1945; June 2, 1945; and September 5, 1945.

Arrangements for the examination should be made with the College Entrance Examination Board, 431 West 117th Street, New York City, not less than one month before the date of the examinations.

\* A unit represents a year's study in a secondary school subject, including in the aggregate not less than 120 sixty-minute periods of prepared classroom work.

## FROM HIGHER INSTITUTIONS\*

An applicant for advanced standing is admitted upon the presentation of satisfactory credentials from an accredited institution of higher learning. The student must be in good standing as to scholarship and conduct, and must be eligible to return to the previously attended institution in the term for which he seeks admission to this University.

If the transcript of record from such an institution includes the record of his secondary school work, it is not necessary for the applicant to have forwarded a separate record directly from the principal of the secondary school. High school work is considered only as fulfilling entrance requirements; it is never credited toward advanced standing.

Properly certified courses taken at accredited colleges or universities may be applied toward a degree at this University, subject to the curriculum requirements and regulations of the school or college to which admission is sought. Work of low pass grade (such as *D* or the equivalent) may not be considered for transfer.

## ENTRANCE REQUIREMENTS

## THE JUNIOR COLLEGE

An acceptable certificate of graduation from an accredited secondary school, or the satisfactory passing of College Entrance Board examinations selected with the approval of the Director of Admissions is required. (See "Methods of Admission".)

*Distribution of Units for All Curricula except Premedical.*—Except for admission to the premedical curriculum, certification by the principal that the student has satisfied all curriculum requirements of the school will be accepted in lieu of any prescribed distribution of units. Attention is called, however, to the necessity of completing stated prerequisite studies during the secondary school period for admission to certain curricula. For a statement of the foreign-language requirements, see pages 54 and 55.

*Distribution of Units for the Premedical Curriculum.*—The several state medical boards govern the granting of licenses to practice; hence their requirements as to high school credits must be met exactly. The fifteen units required must include three in English, two in one foreign language, one in algebra, one in geometry, one in history, and one in science (botany, chemistry, physics, or zoology). Eleven of the units offered must be in the above subjects.

\* The University reserves the right to refuse advance credit in whole or in part, or to allow it provisionally. Credit so given may be withdrawn for subsequent poor work.



## COLUMBIAN COLLEGE (THE SENIOR COLLEGE)

## For the Bachelor's Degrees

Two years of Junior College work leading to the degree of Associate in Arts, or the lower-division work in institutions not organized on the junior-senior-college plan, following a specified curriculum, meet the minimum requirements of Columbian College. In addition, however, scholarship requirements for admission may be set somewhat higher than those for graduation from the Junior College.

*Bachelor of Arts*—An Associate in Arts degree based on curriculum A-I\* in the Junior College, or the equivalent (see page 52 and table facing page 56), is required.

*Bachelor of Science*—An Associate in Arts degree based on curriculum A-II in the Junior College, or the equivalent (see page 52 and table facing page 56), is required.

## For the Master's Degrees

An approved Bachelor's degree from an accredited higher institution is required. A student from an unaccredited institution may be admitted at the discretion of the Committee on Admission and Advanced Standing, but he will be required to take such extra work above the minimum requirements as may be prescribed. A superior quality of work in the major field is essential.

Applications for admission must be approved by the department or division and by the Dean.

*Master of Arts*.—The student's undergraduate curriculum must include a program of study substantially equivalent to a major in his chosen field, together with an appropriate distribution of courses in other fields, or he must complete this prerequisite work in addition to that required for the Master's degree.

*Master of Science*.—The student's undergraduate curriculum must include the equivalent of the undergraduate major of the scientific department under which he desires to work.

## THE GRADUATE COUNCIL

*Doctor of Philosophy*.—The student must possess an adequate academic preparation for advanced study in the proposed field, as evidenced by approved Bachelor's and Master's degrees, or the equivalent, together with acceptable personal qualities and capacity for creative work.

\* An Associate in Arts degree based on curriculum A-II is acceptable for the combined Bachelor of Arts and Doctor of Medicine degrees. For details see "Curriculum Requirements", under Columbian College.

## THE SCHOOL OF MEDICINE

*Doctor of Medicine.*—Sixty credit hours of work, exclusive of physical education, in an accredited higher institution are required. Premedical college requirements must be completed.

## Specific Educational Requirements

## SECONDARY SCHOOL REQUIREMENTS

Of the fifteen secondary school units required, three must be in English, two in one foreign language (ancient or modern), one in algebra, one in geometry, one in history, and one in science (botany, chemistry, physics, or zoology). Eleven of the units offered must be in English, foreign language, mathematics, science, and history.

## PREMEDICAL COLLEGE REQUIREMENTS

## SIXTY CREDIT HOURS

1. Chemistry, sixteen credit hours as follows: (a) eight credit hours in general inorganic chemistry, of which at least four credit hours are laboratory work (qualitative analysis may be counted as general inorganic chemistry); (b) eight credit hours or a one-year college course of organic chemistry, including laboratory work.
2. Physics, eight credit hours, of which at least two credit hours are laboratory work. It is recommended that this course be preceded by one in trigonometry.
3. Biology, eight credit hours, of which at least four credit hours are laboratory work. This requirement may be satisfied by a course of eight credit hours in either general biology or zoology, or by four credit hours each in zoology and botany, but not by botany alone.
4. English composition and literature, six credit hours: the usual introductory college course or the equivalent. The student should develop facility in speaking and writing English.
5. Modern foreign language: a reading knowledge, preferably of French or German.
6. Electives. It is recommended that the remaining credit hours required include: (a) comparative vertebrate anatomy; (b) qualitative and quantitative chemical analysis; (c) social science and psychology.

## Advanced Standing

A student who has satisfactorily attended one or two years at any other "class A" medical school, and who has the necessary preliminary educational requirements, may be admitted to advanced standing.

## THE LAW SCHOOL

## For the Degrees in the Professional Course

*Bachelor of Laws.*—During the present national emergency, not less than one-half the work necessary for graduation from an approved college or university is required.

Students in The George Washington University preparing for admission to the Law School must complete satisfactorily the requirements for the Associate in Arts degree of the Junior College or attain full junior standing in the School of Engineering of this University. The Junior College curricula in physical education and home economics are not acceptable for this purpose.

*Juris Doctor.*—The degree of Bachelor of Arts or the equivalent from an approved college or university is required.

## ADVANCED STANDING

Advanced standing toward the degree of Bachelor of Laws may be granted only for work successfully completed in other law schools which are members of the Association of American Law Schools.

Advanced standing toward the degree of Juris Doctor will not be granted for work in other law schools.

## For the Degrees in the Graduate Course

*Master of Laws.*—Not less than two years of college work in an approved college or university and the degree of Bachelor of Laws from an approved law school are required.

*Doctor of Juridical Science.*—The following are required: (1) the degree of Juris Doctor from this Law School; or (2) the degree of Bachelor of Arts from an approved college, the degree of Bachelor of Laws or the equivalent, earned with high rank, from an approved law school, outstanding capacity for scholarly work in the field of law, and acceptance as a candidate by the Dean's Council of the Law School.

## Unclassified Students

A person eligible for admission to regular standing but not a candidate for a degree may, at the discretion of the Dean, be admitted as an unclassified student.

A person who is in good standing as a candidate for a degree in another approved law school may, at the discretion of the Dean, be admitted as an unclassified student. Work taken by an unclassified student will not be accepted for credit toward a degree at this Law School.



## THE SCHOOL OF ENGINEERING

*Bachelor of Civil Engineering, Bachelor of Electrical Engineering, Bachelor of Mechanical Engineering, Bachelor of Science in Engineering.*—An acceptable certificate of graduation from an accredited secondary school, or the satisfactory passing of College Entrance Board examinations in secondary school subjects selected with the approval of the Director of Admissions is required.

Nine and one-half of the fifteen units required for entrance must be distributed as follows: three in English, two in algebra, one in plane geometry, one-half in plane trigonometry, one in physics or chemistry, and two in one foreign language or history. A graduate of an approved high school who does not offer for admission the particular subjects required for the engineering curriculum, but who does present not less than fifteen acceptable units, may be admitted on condition, if such deficiency in the distribution of units does not exceed two units. If the deficiency is more than two units, it is frequently possible to admit an otherwise qualified student to the Junior College (liberal arts college) as an unclassified student for such period as may be necessary to permit him to make up such units by taking college courses designed for this purpose.

## THE SCHOOL OF PHARMACY

*Bachelor of Science in Pharmacy.*—An Associate in Arts degree based on the curriculum in Pharmacy\* in the Junior College, or the equivalent is required.

A student who has received a Bachelor's degree from an accredited institution or who has completed work in the general cultural or foundational subjects of the pharmacy curriculum may be admitted to advanced standing. No more than one year of advanced standing will be granted a student from any institution other than an accredited college of pharmacy.

## THE SCHOOL OF EDUCATION

## For the Bachelor's Degrees

*Bachelor of Arts in Education, Bachelor of Science in Home Economics, Bachelor of Science in Physical Education.*—An Associate in Arts degree based on curriculum D-I,\* D-II,\* or D-III-IV\* in the Junior College, or the equivalent from another accredited higher institution, or a certificate of graduation from an approved normal school or the equivalent is required.

## For the Master's Degree

*Master of Arts in Education.*—A Bachelor's degree from an accredited institution, or the completion of a course of study that is the equivalent.

\* See pages 52 and 53 and the table facing pages 56 and 57.

lent is required. A student from an unaccredited institution whose work is judged by the Faculty to be not more than twelve credit hours short of that required for an approved Bachelor's degree may remove his deficiencies while registered for the Master's degree.

#### For the Doctor's Degree

*Doctor of Education.*—The degree of Master of Arts in Education or the equivalent, and at least three years of satisfactory educational experience are required.

### THE SCHOOL OF GOVERNMENT

#### For the Bachelor's Degree

*Bachelor of Arts in Government.*—An Associate in Arts degree based on curriculum E-I,\* E-II,\* or E-III,\* in the Junior College, or the equivalent, and a quality-point index of 2.25 for the first two year's work is required.

#### For the Master's Degree

*Master of Arts in Government.*—A Bachelor's degree from an accredited institution, or evidence of a course of study that is judged by the Faculty to be the equivalent is required. A student from an unaccredited institution may be admitted at the discretion of the Dean's Council, but he will be required to take such extra work above the minimum requirements as may be prescribed.

The Dean may permit deficiencies to be made up concurrently with work for the degree or by special examinations given under direction of a Faculty Committee. Students admitted to candidacy must have attained a quality-point index of 3.00 (a "B" average) in the courses of their undergraduate major. In special cases students who have not attained this scholastic average may take a qualifying examination with permission of the Dean.

### THE DIVISION OF UNIVERSITY STUDENTS

This is a non degree-granting division of the University to which students not seeking degrees at this University may apply.

The student who is twenty-one years of age or over (or in special cases arising out of the national emergency, nineteen years of age or over) and who has not attended another institution within the year preceding his application to this University may register without filing records.

The student twenty-one years of age or over who has attended another institution within the year preceding application to this University must request a statement of good standing and honorable dismissal from the last institution attended.

\* See pages 52 and 53 and the table facing page 57.

The student under twenty-one years of age must submit complete and satisfactory credentials.

In special instances, with the permission of the instructor, a person may be registered as an "auditor" in a class without being required to take active part in the exercises or to pass examinations, but no credit will be allowed for such attendance.

#### THE DIVISION OF SPECIAL STUDENTS

This is a non degree-granting division of the University in which the Director of Admissions may authorize the placement of students in the process of making up entrance deficiencies to degree-granting colleges and schools of the University.

Complete credentials must be submitted and evaluated before a tentative or definite plan of make-up may be prepared.

#### CLASSIFICATION OF STUDENTS

##### REGULAR STUDENTS

Regular students are those who have met the entrance requirements for candidacy and are registered for certificates or degrees.

##### UNIVERSITY STUDENTS

Persons of mature age, as specified in the rules of the Division of University Students, may be admitted to this Division to pursue courses for which they have had adequate preparation. In special instances, with the permission of the instructor, a person may register as an auditor in a class without being required to take active part in the exercises or to pass examinations, but no credit will be allowed for such attendance. (See the announcement of the Division of University Students.)

##### SPECIAL STUDENTS

Special students are those who are in the process of qualifying for admission to curricula in degree-granting colleges and schools of this University.

##### EXTENSION STUDENTS

Persons unable to come to the University who wish to undertake University courses and persons who wish to take intensive courses, not a part of the regular program, may be admitted to the Division of Extension. (See the announcement of the Division of Extension.)

Additional information concerning curricula, courses offered, entrance requirements, or admission procedure may be obtained from the Office of the Director of Admissions.



## REGISTRATION

Before a student may be admitted to registration he must have satisfied the Office of the Director of Admissions that he is qualified for entrance to the University. (See "Admission", pages 10-18.)

A student who has previously matriculated in the University, but who has not been in attendance during the term prior to registration, should file an application for readmission in advance of registration.

Registration is for the term unless otherwise indicated on the registration paper. No registration is accepted for less than a term or one summer session.

A student may not register concurrently in The George Washington University and another institution without the permission of the dean of the college, school, or division in which he is registered in The George Washington University. Allowance of credit for work done concurrently will be at the discretion of the appropriate Committee on Admission and Advanced Standing.

### TIME AND PLACE OF REGISTRATION

*Preregistration.*—Students may register between 12:00 M. and 7:00 P.M. during the following registration periods: *summer term* 1945, May 14 to 18; *fall term*, September 10 to 26; *winter term*, January 14 to 25. Preregistration, except for the Law School, is conducted in the Office of the Registrar, Building C, 2029 G Street N.W.; for the Law School, in Stockton Hall, 720 Twentieth Street N.W.

*Registration.*—Registration is conducted between 12:00 M. and 7:00 P.M. during the following periods: *summer term* 1945, June 4 for the first session, July 26 for the second session; *fall term*, September 27 for new students September 28 and 29 for former students; *winter term*, January 30 and 31. Registration, except for the Law School, is conducted in the Hall of Government, 710 Twenty-first Street N.W.; for the Law School, in Stockton Hall, 720 Twentieth Street N.W.

### LATE REGISTRATION

For registration after the stated registration periods, a late-registration fee of \$5 is charged. Registration for credit closes one week after the registration day for each session of the summer term; two weeks after the final registration day for the fall and winter terms.

### REGISTRATION CHANGES AND WITHDRAWALS

For regulations governing changes in registrations and withdrawals, see pages 22 and 23, 36, and 37.

## FEES AND FINANCIAL REGULATIONS

By authorization of the Board of Trustees, the following fees have been adopted:

<b>UNIVERSITY FEE</b> (see explanation below)	
For each term or any part thereof.....	\$8.00
For each session of the summer term or any part thereof*.....	4.00
For auditors,† for each registration.....	2.00
For extension students‡.....	5.00

<b>TUITION FEES</b>	
For each credit hour for which the student registers (except work taken by a candidate for a Doctor's degree§.....	8.00
For the degree of Doctor of Medicine, for two terms  .....	534.00
<b>For the degree of Doctor of Philosophy:</b>	
For work leading to and including the Council Fellowship examination¶.....	240.00
For work leading to and including the final examinations¶.....	240.00
<b>For the degree of Doctor of Education:</b>	
For work leading to and including the general examination¶.....	240.00
For work leading to and including the final examinations¶.....	240.00
<b>For the degree of Doctor of Juridical Science:</b>	
For work leading to and including the final examinations¶.....	240.00

### ADDITIONAL COURSE FEES AND DEPOSITS

In certain courses additional fees and deposits, such as laboratory and material fees and breakage deposits, are charged as indicated in the course descriptions. These fees are charged by the term and, unless otherwise indicated, may be defrayed in three payments when the tuition is paid in this manner. Fees and deposits payable in advance are due in full at the time of registration. Breakage of apparatus is charged against the individual student, and the amount paid in excess of breakage will be credited to the student's account at the end of the course.

### GRADUATION FEES

Wherein the degree of Associate in Arts is granted.....	\$10.00
Wherein a degree other than the Associate in Arts degree is granted.....	20.00

<b>FEE FOR BINDING MASTER'S THESIS</b> .....	3.00
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\* Students registered for only those courses which extend over a single term of fifteen weeks must pay a University fee of \$8.

‡ Payment of this fee entitles auditors and extension students to the reference use of the University Library facilities, upon identification by the registration card, but it does not entitle auditors or extension students to the other privileges to which payment of the preceding fees entitles resident students.

§ Payment of tuition for the thesis entitles the candidate, during the academic year of registration, to the advice and direction of the member of the faculty under whom the thesis is to be written. In case a thesis is unfinished, an additional successive academic year may be granted without further tuition payment. If the preparation of the thesis extends beyond the second academic year, it must be registered for again, and tuition paid on the same basis as for a repeated course.

|| Registration in the School of Medicine is for a period of two terms. After the student has entered the courses of instruction, he is obligated for the full tuition for two terms. No part of the tuition will be refunded upon withdrawal or dismissal for any cause.

¶ When a limited schedule is carried which extends the time of either the preparation period or the examination period to more than one year, the proportionate part of the charge may be fixed by the Comptroller.

FEE FOR THE PROFESSIONAL THESIS IN THE SCHOOL OF ENGINEERING....	50.00
An annual fee: one half, plus the University fee, payable in advance at the time of each registration.	
FEE FOR PRINTING AND FILING SUMMARY OF DOCTORAL THESIS.....	50.00
<b>SPECIAL FEES</b>	
Late-registration fee, charged each student who fails to register within the designated period.....	5.00
Service fee, charged each student for late payment of tuition (see "Payment of Fees").....	1.00
Reinstatement fee, charged each student who is reinstated after suspension for delinquency in fees.....	5.00
For special physical examination.....	2.00
For examining admission credentials in the School of Medicine.....	3.00
Student Bar Association fee, charged each student in the Law School for each term or any part thereof except the summer term.....	2.00
For examinations to qualify for advanced courses and for all special examinations.....	5.00

### UNIVERSITY FEE

Payment of the University fee covers all expenses incident to registration and, in addition, secures to each student the following University privileges: (1) the issuance of three certified transcripts of record, if and when desired; (2) the services of the Placement Office; (3) the use of University library facilities, except as otherwise designated; (4) gymnasium privileges; (5) admission to all athletic contests, unless otherwise specified; (6) subscription to the *University Hatchet*, the student newspaper; (7) admission to University debates; (8) medical attention and hospital services as described under the Department of Health Administration. These privileges, however, with the exception of the issuance of transcripts, terminate, and a student is no longer in residence, when he withdraws or is dismissed from the University.

### PAYMENT OF FEES

All fees are payable at the Office of the Cashier, 725 Twenty-first Street NW. No student is permitted to complete registration or to attend classes until all fees are paid. Fees for each term are due and payable in advance at the time of registration.

In exceptional cases, subject to the approval of the Comptroller, the student may sign a contract for term charges, except for the University fee and other fees payable in advance, permitting payments as follows:

*Summer Term 1945.*—One third at the time of registration, plus the University fee and deposits; one third on July 9; and one third on August 13.

*Fall Term.*—One third at the time of registration, plus the University fee and deposits; one third on November 5; one third on December 3.

*Winter Term.*—One third at the time of registration, plus the University fee and deposits; one third on March 4; one third on April 3.



During the summer term a student who fails to meet payments when due, on July 9 and August 13, but who pays his fees between July 10 and July 13 and between August 14 and August 17, is charged a service fee of \$1. A student who fails to make these payments by July 13 and August 17 will be suspended and may not attend classes until he has been officially reinstated and has paid all accrued fees and a reinstatement fee of \$5.

During the fall and winter terms a student who fails to meet payments when due, but who pays his fees on or before the tenth day of the month in which payment is due, is charged a service fee of \$1. A student who fails to meet payments by the tenth day of the month in which payment is due will be suspended and may not attend classes until he has been officially reinstated and has paid all accrued fees and a reinstatement fee of \$5.

A suspended student may not be reinstated for the term after two weeks from the date of suspension. Applications for reinstatement are to be made to the dean of the college, school, or division in which the student is registered.

An auditor pays a University fee of \$2 and all other fees chargeable to the student registered for credit except the late-registration fee.

#### WITHDRAWALS AND REFUNDS

Application for withdrawal from the University or for change in class schedule must be made in person or in writing to the dean of the college, school, or division in which the student is registered. Notification to an instructor is not an acceptable notice (see "Withdrawal", page 36).

In authorized withdrawals and changes in schedules, financial adjustments will be made as follows:

*Summer Term 1945.*—Withdrawal dated on or before July 6, cancellation of the second and third payments; withdrawal dated on or before August 10, cancellation of the third payment. No refund or reduction will be allowed on a withdrawal dated subsequent to August 10.

*Fall Term.*—Withdrawal dated on or before October 31, cancellation of the second and third payments; withdrawal dated on or before November 30, cancellation of the third payment. No refund or reduction will be allowed on a withdrawal dated subsequent to November 30.

*Winter Term.*—Withdrawal dated on or before February 28, cancellation of the second and third payments; withdrawal dated on or before April 1; cancellation of the third payment. No refund or reduction will be allowed on a withdrawal dated subsequent to April 1.

In no case will the University fee or any part of an initial payment of fees be refunded, and in no case will tuition be reduced or refunded because of nonattendance upon classes.

Payment applies only to the term for which a registration charge is incurred and in no case will this payment be credited to another term.

A student granted "war leave" during a term will be credited with tuition payments made prior to the granting of such leave, which credit will be applicable toward a subsequent registration.

Any student in chemistry who fails to check out of the laboratory on or before the date set by the instructor, unless excused by the instructor, will forfeit the balance of his deposit. A student who drops a course before the end of the term must check out of the laboratory at once.

Authorization to withdraw and certification for work done will not be given a student who has not a clear financial record.

## FELLOWSHIPS, SCHOLARSHIPS, PRIZES, LOANS

### FELLOWSHIPS

The following fellowships are available to graduate students. Applications should be submitted for consideration not later than March 1 preceding the period for which the fellowship is to be awarded.

The applicant for a University Teaching Fellowship or a Special Fellowship is expected to be a prospective candidate for the degree of Doctor of Philosophy, and to have the Master of Arts degree, or the equivalent, in the general field of his future doctoral study and research. Forms on which to make application for these fellowships may be obtained from the Chairman of the Graduate Council.

*University Teaching Fellowships.*—These are assigned for the academic year 1945-46 in the following departments of instruction: Bacteriology, Biochemistry, Botany, Chemistry, Economics, English, History, Physics, Psychology, Romance Languages, and Statistics. Each fellow receives a stipend of \$600, plus full tuition in the Graduate Council for whatever schedule of study or research his fellowship duties permit him to carry. The occupant of each of these fellowships renders a designated unit of service to the department of instruction in his major field of doctoral study, usually in classroom or laboratory assignments.

*Special Fellowships.*—A number of special fellowships are supported by endowment, and are awarded to doctoral students of unusual promise and ability. The stipend is not fixed but varies in amount with the need of the individual receiving the award. In applying for one of these fellowships it is advantageous that the student appear personally for an interview with the Chairman and such other members of the graduate Council as would be interested in the research investigations proposed. These fellowships include the following:

*Isabella King Research Fellowship.*—Of the value of \$1,200 annually, offered in the general field of biology, and intended to foster research for which the libraries and scientific establishments in Washington provide special facilities.

*Thomas Bradford Sanders Fellowships.*—Established by Miss Addie Sanders in memory of her brother, Thomas Bradford Sanders, and offered in various academic fields of study, with stipends designated by the Chairman of the Graduate Council.

### SCHOLARSHIPS

Scholarships are awarded for two terms unless otherwise specified and are credited in equal parts for each term. Each holder must carry a



full schedule of academic work (fifteen credit hours or in the professional schools the full prescribed schedule) during the period for which the scholarship is awarded. Except in the case of the Columbian Women's Scholarships, the High School Scholarships, the Order of the Eastern Star Scholarship, and the Trustee Scholarships, applicants must have established an academic record in courses at this institution and should apply on prescribed forms which must be filed in the Office of the Registrar not later than May 1 preceding the academic year for which the scholarship is to be awarded. Further information may be obtained from the Registrar of the University.

*American Foundation for Pharmaceutical Education.*—These two scholarships, established by the American Foundation for Pharmaceutical Education in the amount of two hundred dollars (\$200) each, are awarded on recommendation of the Faculty of the School of Pharmacy to competent and promising applicants in need of support to pursue the professional collegiate study of pharmacy.

*Byron Andrews Scholarships.*—Three scholarships, in the amount of \$100 each, established in 1920 by Mrs. Belle Fisk Andrews in memory of her husband, Byron Andrews, are available "for ambitious and needy students, who desire to pursue courses in English, Latin, journalism, history, literature, or political science".

*Emma K. Carr Scholarships.*—Four scholarships in the amount of \$240 each and twelve in the amount of \$100 each, established in 1932 by Mrs. Emma K. Carr, are awarded annually to "young men (of the white race) for undergraduate or postgraduate work, considering character, capacity, and need".

*Henry Harding Carter Scholarships.*—These three scholarships, established in 1896 by Mrs. Maria M. Carter in memory of her husband, Henry Harding Carter, are of the annual value of \$50 each and may be awarded to deserving students who are preparing for the civil-engineering profession.

*Maria M. Carter Scholarship.*—This scholarship, in the amount of \$30 to be awarded annually to a young man, was given to the University in 1871 by Mrs. Maria M. Carter.

*Isaac Davis Scholarship.*—This scholarship, in the amount of \$30 to be awarded annually, was given to the University in October 1869 by the Honorable Isaac Davis, of Massachusetts. Nominations for the scholarship may be made "by the founder or his eldest lineal descendant". In case no such nomination is made, the scholarship is to be awarded by the University.

*Charles Worthington Dorsey Memorial Scholarship.*—This scholarship, established as a memorial to Charles Worthington Dorsey, Bachelor of Laws, '81, Master of Laws, '82, is awarded upon the recommendation

of the Faculty of the Law School to a needy and promising graduate of Columbian College or other division of the University, with a Bachelor of Arts or other equivalent degree, who has maintained an average of *B* as an undergraduate student and who desires to pursue the study of law as a full-time student. The scholarship covers tuition for the course leading to the first degree from the Law School, Bachelor of Laws or Juris Doctor, provided that the holder maintains an average of *B*. The right is reserved to suspend the benefits of the scholarship for cause at any time. The scholarship is awarded ordinarily once every three years.

*Robert Farnham Scholarship.*—This scholarship, in the amount of \$30 to be awarded annually to a student in Columbian College, was given to the University in 1871 by Mrs. Robert Farnham.

*Elma Lewis Harvey Scholarship.*—This scholarship, of the annual value of \$200, was founded in 1921 by Mrs. Emma Elizabeth Harvey in memory of her daughter, and is to be awarded every four years, or as often as vacant, to a young woman student in Columbian College of the Protestant faith and of the Caucasian race who shall be selected for scholarship and moral qualifications.

*High School Scholarships.*—Two University scholarships, one for a man student, the other for a woman, are assigned for award to each of the following schools: Anacostia, Central, Coolidge, Eastern, McKinley, Roosevelt, Western, and Woodrow Wilson High Schools (District of Columbia); Bethesda-Chevy Chase High School (Maryland); Washington-Lee and George Washington High School (Virginia). The *Amos Kendall Scholarship*, established by the late Honorable Amos Kendall, is one of the two assigned to the Central High School. Each of the above scholarships is awarded annually, on the recommendation of a committee consisting of the Dean of the Junior College of The George Washington University, the principal of the high school concerned, and an alumnus of both the high school and the University, to a member of the graduating class who intends to enter the Junior College and to continue in Columbian College. A principal and an alternate may be recommended.

The holders of these scholarships are exempt from tuition fees, but are charged the University fee, laboratory, graduation, and other fees. The scholarships are valid for eight terms. Beginning with the summer of 1942 the University expanded its program to permit a student to accomplish, during the summer, the work of a full term. As long as this accelerated program is in force, the high school scholarships may be used during the summer which becomes a part of the regular academic year. In any case they must be used for no less than two terms during a calendar year. The principal, or, if the principal declines, the alternate, must register in either June or September following the award.

To retain any high school scholarship a student must carry a full program of study (a full program being defined as at least fifteen hours of



work each term), unless otherwise determined in individual cases by the Committee on Student Loans and Scholarships upon recommendation of the dean of the college concerned. An average of *B* and a high standard of deportment must be maintained. In case the holder of the scholarship, after registering in the University, does not continue the use of it, the scholarship will not be reassigned.

*A. Morehouse Scholarship.*—This scholarship was established by Mr. A. Morehouse, in 1861. It carries an annual stipend of \$45, which is available for an undergraduate "intending to enter the Christian ministry".

*Newspaper Scholarships.*—Four scholarships are to be awarded each year to candidates recommended by the following newspapers: *The Washington Daily News*, *The Washington Post*, *The Evening Star*, and *The Times-Herald*. These scholarships cover tuition for four years, but do not include the University fee, laboratory fees, graduation fee, or other special fees.

*Order of the Eastern Star Scholarship.*—This scholarship in the amount of \$125 was established by the Order of the Eastern Star of the District of Columbia and is to be awarded to a woman of the order or to a daughter of a member in good standing.

*David Spencer Scholarship.*—This scholarship of approximately \$240 was established in 1918 by Miss Louis J. Spencer.

*Mary Lowell Stone Scholarship.*—This memorial scholarship, established in 1893 is in the amount of \$60, to be awarded annually to a woman student of science in Columbian College.

*Charles Clinton Swisher Scholarship.*—This scholarship, established in 1941 by the late Professor Charles Clinton Swisher, is in the amount of \$240 and is awarded annually to a student of medieval history.

*Trustee Scholarships.*—Five scholarships are awarded each year, upon the recommendation of regional alumni clubs, to outstanding male graduates of accredited high schools. The scholarships cover tuition costs for four terms of full-time work but do not include the University fee, special fees such as laboratory charges, room, board, or other expenses. To retain the scholarship, the student must maintain a *B* average. Additional information may be obtained from the Alumni Secretary.

*William Walker Scholarship.*—This scholarship was established in 1824 by William Walker, Esq. It carries an annual stipend of \$75, which is available for an undergraduate intending to enter the Christian ministry.

*John Withington Scholarship.*—This scholarship was established in 1830 by the New York Baptist Theological Seminary. It has an annual stipend of \$60.

*Ellen Woodhull Scholarship.*—This scholarship, established by the late



Ellen M. E. Woodhull, is in the amount of \$20, to be awarded annually to a student in Columbian College.

#### THE COLUMBIAN WOMEN SCHOLARSHIP FUNDS

The Columbian Women Scholarships are awarded by the Scholarship Committee of the Columbian Women. Applications for these scholarships should be addressed to the Chairman of the Scholarship Committee, the Columbian Women, The George Washington University, Washington 6, D.C., not later than May 15 preceding the academic year for which the scholarship is to be awarded; or, in the case of award for the the winter term, not later than January 1.

*Nellie Maynard Knapp Scholarship Fund.*—The income from this fund of \$5,000, established in 1915 in memory of a former president, Mrs. Martin A. Knapp, is available for scholarships for women.

*Founders of Columbian Women Scholarship Fund.*—The income from this fund of \$5,000, established in 1920, is available for scholarships.

*Lillian Young Herron Scholarship Fund.*—The income from this fund of \$5,000, established in 1925 and named in 1930 in memory of a former president, is available for scholarships.

*Elizabeth V. Brown Scholarship Fund.*—This fund of \$1,200 was established in 1925 by the College Women's Club of Washington, D.C., in memory of the late Elizabeth V. Brown. The scholarship granted thereunder is available for a woman student in the School of Education.

*College Women's Scholarship Fund.*—The income from this fund of \$500, established in 1926 through the courtesy of the College Women's Club of Washington, D.C., is available for scholarship aid.

*Lewes D. and Myrtie H. Wilson Memorial Scholarship Fund.*—This fund of \$1,000 was established by Miss Elizabeth Wilson in 1926 as a memorial to her parents, Lewes D. and Myrtie H. Wilson. The income is available for a scholarship in the School of Medicine.

*Grace Ross Chamberlin Scholarship Fund.*—The income from this fund of \$2,300, established in 1932 in honor of a former president, is available for scholarship aid.

#### PRIZES

*Alpha Chi Sigma Prizes.*—Alpha Pi Chapter of Alpha Chi Sigma Fraternity offers annually the following prizes:

A "Handbook on Chemistry and Physics" is awarded to each of the three male students who carry at least eighteen credit hours during the freshman year and attain the highest averages in freshman chemistry.

The name and year of graduation of the male student who has attained the highest quality-point index in courses in chemistry will be inscribed on a bronze plaque.

*Alpha Delta Pi Prize.*—Alpha Pi Chapter of Alpha Delta Pi Fraternity offers an annual prize of \$10 to the student doing the best work in third-year French.

*Alpha Kappa Psi Prize.*—Beta Mu Chapter of Alpha Kappa Psi Fraternity awards annually a medallion to the male student who has completed ninety credit hours at The George Washington University and has attained the highest average grade of the students enrolled in economics, business administration, public accounting, public finance, and foreign commerce.

*American Institute of Chemists Prize.*—The District of Columbia Chapter of the American Institute of Chemists offers an annual prize of a medal and junior membership in the American Institute of Chemists to that graduating student, majoring in chemistry, who excels in scholarship and in the personal qualities of integrity and leadership.

*Byrne Thurtell Burns Memorial Prize.*—This prize, in the amount of \$30, is awarded to the senior majoring in chemistry who shows the greatest proficiency in organic chemistry, as evidenced by a comprehensive examination, and who possesses such qualifications of mind, character, and personality as to give promise of future achievement.

*Chi Omega Prize.*—Phi Alpha Chapter of Chi Omega Fraternity offers annually a prize of \$25 to be awarded to the woman student in the graduating class with the highest record in the following social sciences: economics, sociology, political science, and history; combined with general excellence.

*Colonial Dames Prize.*—The Society of the Colonial Dames of America, Chapter III, offers annually a medal to be awarded to the student who, having maintained a record of distinction in American history, submits the best essay upon a topic in Colonial history.

*John Henry Cowles Prizes.*—These prizes, founded in 1943 by John H. Cowles, Grand Commander of the Supreme Council of the Thirty-third Degree (Mother Council of the World) of the Ancient and Accepted Scottish Rite of Freemasonry, Southern Jurisdiction of the United States of America, are awarded annually to the two best scholars in the senior class of the School of Government. The prizes are as follows: first prize, \$60; second prize, \$30.

*George Howland Cox Prize.*—This prize, in the amount of \$25, is awarded annually to that student in American history whose essay on some assigned topic shall be deemed the best submitted.

*DeWitt Clinton Croissant Prize.*—This prize, established by the late Professor DeWitt Clinton Croissant, consists of \$30, which is awarded annually to the undergraduate student who as a member of one of the University courses in drama or as a participant in University dramatics submits to the English Department the best essay on drama or the theatre.



*E. K. Cutter Prize.*—The E. K. Cutter Prize in English was established by the late Marion Kendall Cutter "for excellence in the study of English". An annual prize of \$35 is awarded to the member of the graduating class whose record in English, combined with general excellence, shows most marked aptitude for and attainment in English studies.

*Daughters of the American Revolution Prize.*—This prize, established by the Daughters of the American Revolution of the District of Columbia, consists of \$15, which is awarded annually to the student who, having maintained a record of distinction in American history, submits the best essay upon a topic in the period of the American Revolution.

*Isaac Davis Prizes.*—These prizes, established by the Honorable Isaac Davis, of Massachusetts, in 1847, are awarded annually to such members of the senior class as shall have made the greatest progress in public speaking during their connection with the University. The prizes are as follows: first prize, \$15; second prize, \$10; third prize, \$5.

The award of these three prizes is determined by a public-speaking contest in which the participants deliver original orations. Only members of the senior classes who are candidates for the degree of Bachelor of Arts or Bachelor of Science are eligible to compete.

*William Thornwall Davis Prize.*—This prize, established by the late Dr. William Thornwall Davis and consisting of monographs dealing with the field of ophthalmology, is awarded annually to the student doing the most outstanding work in ophthalmology.

*Delta Sigma Rho Prizes.*—Two cups presented by Delta Sigma Rho are engraved each year, one with the name of the fraternity and the other with the name of the sorority whose team wins the Intramural Debate.

*Delta Zeta Prize.*—Delta Zeta Sorority offers annually a prize of \$10, to be awarded to the student maintaining the highest average in the first year's work in botany.

*Ellsworth Prize.*—The Ellsworth Prize of \$25, established by the late Mr. Fritz von Briesen, is awarded to the student doing the best work in the subject of Patent Law Practice.

*Elton Prize.*—The Elton Prize, established by the Reverend Romeo Elton, of Exeter, England, consists of \$10, awarded annually to the senior student having the highest average in the Greek language and literature.

*Joshua Evans III Prize in the Political and Social Sciences.*—This memorial prize in the amount of \$30, "established by friends because of an outstanding life", is awarded annually to that man in the graduating class of The George Washington University "who has demonstrated his signal ability in the social and political sciences and who has given promise of the interpretation of that ability in good citizenship among his fellows". The selection of the recipient will be made by the President



of the University and a committee from the Faculty of the Division of the Social Sciences.

*Willie E. Fitch Prize.*—The Willie E. Fitch Prize established in 1883 by James E. Fitch, Esq., in memory of his son, consists of \$40, which is awarded annually to a senior student for the best examination in chemistry.

*Alice Douglas Goddard Prize.*—This prize of \$35 was established in 1941 by Frederick Joseph Goddard of Georgetown, D.C., in memory of Alice Douglas Goddard, and is awarded annually to the upper division student making the highest average in American literature.

*Edward Carrington Goddard Prize.*—This prize, consisting of \$35, was established in 1923 by Mary Williamson Goddard, Alice Douglas Goddard, and Frederick Joseph Goddard, of Georgetown, D.C., in memory of Edward Carrington Goddard, class of '81, and is awarded to the junior or senior student making the highest average in the French language and literature.

*James Douglas Goddard Prize.*—This prize, consisting of \$35, was established in 1923 by Mary Williamson Goddard, Alice Douglas Goddard, and Frederick Joseph Goddard, of Georgetown, D.C., in memory of James Douglas Goddard, class of '01, and is awarded to the senior student making the highest average in pharmacy.

*Morgan Richardson Goddard Prize.*—This prize, consisting of \$35, was established in 1923 by Mary Williamson Goddard, Alice Douglas Goddard, and Frederick Joseph Goddard, of Georgetown, D.C., in memory of Morgan Richardson Goddard, and is awarded to the junior or senior student making the highest average in the following fields: economics, business administration, foreign commerce, and public accounting.

*The Gardiner G. Hubbard Memorial Prize in United States History.*—This prize of \$40 was established by Mrs. Gertrude M. Hubbard in memory of her husband, the late Gardiner G. Hubbard, and is awarded annually to that member of the graduating class majoring in history who has maintained the highest standing in courses in United States history.

*Kappa Kappa Gamma Prize.*—Kappa Kappa Gamma Sorority offers annually a prize of \$10 to the full-time freshman who achieves the best record in Botany 1 and 2.

*John Bell Larner Prize.*—This prize, established by the bequest of John Bell Larner, consists of a medal which is awarded annually to that member of the graduating class in the Law School who attains the highest average grade in the entire course for the degree of Bachelor of Laws.

*Mortar Board Prize.*—This prize, consisting of a silver cup, is awarded annually to the woman student in the sophomore class having a scholar-

ship average of *B* or higher and the most outstanding record in activities.

*Omicron Delta Kappa Prize.*—Alpha Delta Circle of Omicron Delta Kappa Fraternity offers annually a plaque to be awarded to "that member of the senior class (of Columbian College) who throughout his course has done the most constructive work in the furtherance and upbuilding of the University student activities".

*John Ordronaux Prizes.*—These prizes were established in 1909 by the bequest of John Ordronaux.

The amount of \$45 is awarded to the member of the graduating class in the School of Medicine who has the highest scholastic standing.

The amount of \$35 is awarded annually to the student in the Law School who has attained the highest average grade in the first-year, full-time, regular course; and \$35 to the student who has attained the highest average grade in the second-year, full-time, regular course.

*Phi Eta Sigma Prize.*—The George Washington University Chapter of Phi Eta Sigma offers each year to the male student attaining the highest scholastic average in his first full term of work, a choice book selected from the field of the recipient's major interest. The winner's name will be engraved on a plaque in the Office of the Dean of the Junior College.

*Phi Sigma Kappa Prize.*—Phi Sigma Kappa Fraternity offers annually a silver cup to the winner of an oratorical contest, open to all freshmen.

*Phi Sigma Sigma Prizes.*—Kappa Chapter of Phi Sigma Sigma Fraternity offers annually the following prizes:

The amount of \$10 is awarded to the woman student with the highest average in first-year zoology.

A key, known as the Nileen Cooper Phi Sigma Sigma Award, is given to the senior woman doing the most outstanding work in psychology.

*Pi Beta Phi Prize.*—A prize of \$20 is awarded annually by the District of Columbia Alpha Chapter of Pi Beta Phi Fraternity to that woman member of the senior class who throughout her college course has done the most constructive work in the promotion of student activities among the women of the University.

*Pi Lambda Theta Prize.*—Alpha Theta Chapter of Pi Lambda Theta Fraternity offers an annual prize of \$25 to the student who produces the most meritorious Master's thesis in education.

*Ruggles Prize.*—The Ruggles Prize, established by Professor William Ruggles in 1859, consists of \$15 awarded annually to a candidate for a baccalaureate degree for excellence in mathematics.

*Sigma Kappa Prize.*—Zeta Chapter of Sigma Kappa Sorority offers an annual prize of \$10 to the student who passes the best examination in General Chemistry.

*Sigma Tau Prize.*—Xi Chapter of Sigma Tau Fraternity offers annually a medal to be awarded to that member of the freshman class in



the School of Engineering who maintains the highest scholastic standing in the work of the entire year.

*Staughton Prize.*—The Staughton Prize, established by the Reverend Romeo Elton, consists of \$10 awarded annually to the senior student making the best record in the Latin language and literature.

*James MacBride Sterrett, Jr., Prize.*—This prize, established in 1911 by Professor James MacBride Sterrett in memory of his son, consists of a medal awarded annually to that student who obtains the highest average in Physics 6, 7, and 8.

*Charles Clinton Swisher Historical Club Prize.*—This prize, established in 1936 by the Charles Clinton Swisher Historical Club and augmented in 1942 by the bequest of the late Professor Charles Clinton Swisher, is an annual prize of \$30 awarded to the student who submits the best essay covering some phase of medieval history.

*Theta Tau Activities Plaque.*—Gamma Beta Chapter of Theta Tau Fraternity offers annually a plaque to be awarded to that member of the senior class who has the most outstanding record in activities in the School of Engineering during the entire period of his attendance.

*Thomas F. Walsh Prize.*—This prize, established in 1901 by Thomas F. Walsh, consists of \$30 awarded annually to that student who submits the best essay in Irish history.

*Alexander Wilbourne Weddell Prize.*—From a fund established in 1923 by Mrs. Virginia Chase Weddell, an annual prize of \$150 is awarded to a candidate for a degree who writes the best essay on the subject of "the promotion of peace among the nations of the world". The prize essays shall become the property of the University and shall not be printed or published without the written consent of the University. The University reserves the right to withhold the award if no essay attaining the required degree of excellence is submitted.

#### LOAN FUNDS

The following loan funds are available to students in the University in accordance with the qualifications placed thereon by the donors. Inquiries should be directed to the Office of the Comptroller.

*University Student Loan Fund.*—The Trustees of The George Washington University have established a loan fund amounting to \$10,000.

*Daughters of the American Revolution Loan Fund.*—The District of Columbia Chapters of the Daughters of the American Revolution have established an endowment fund of \$5,000, the income (\$1,896.43) of which is available for interest-bearing loans to descendants of patriots of the American Revolution.

*Henry Strong Educational Foundation.*—The Henry Strong Educational Foundation, established at Chicago under the will of General



Henry Strong, makes available a fund for loans to both men and women students under the age of twenty-five years.

*Henry Strong-William A. Maury Loan Fund.*—This fund, also allocated from the funds of the Henry Strong Educational Foundation, is to be loaned to students under the age of twenty-five years in the George Washington University Law School.

*Home Economics Loan Fund.*—This fund in the amount of \$153, contributed by the D. C. Home Economics Association, is available for loans to senior girls majoring in Home Economics.

*Kellogg Medical School Loan Fund.*—The W. K. Kellogg Foundation in Battle Creek, Michigan, has established a fund for loans to students in the School of Medicine.

*Kellogg Medical Technology Loan Fund.*—This fund, also contributed by the W. K. Kellogg Foundation, in the amount of \$2,000 is available for loans to medical technologists.

*Knights Templar Educational Loan Fund.*—This fund, contributed and administered by the Grand Commandery of Knights Templar of the District of Columbia, is available for loans to students, preferably in the upper classes, who are residents of the District of Columbia.

*Law Association Loan Fund.*—The George Washington Law Association has established a loan fund in the amount of \$568 for loans to students in the School of Law.

*Sutherland Medical School Loan Fund.*—This fund, in the amount of \$1,175 and established by Mrs. Rose L. Sutherland, is available for loans to students in the School of Medicine.

## REGULATIONS

A student enrolled in the University is required to conform to the University regulations and to comply with the rules and regulations of the college, school, or division in which he is registered.

If a student knowingly makes a false statement or conceals material information on an application for admission, registration card, or any other University document, his registration may be canceled and he will be ineligible (except by special action of the Faculty) for subsequent registration in any unit of the University.

### ATTENDANCE

A student is not permitted to attend classes until registration has been completed and fees due have been paid. Regular attendance is required. A student may be dropped from any course for undue absence. Tuition will not be refunded or reduced because of non-attendance.

A student who has been suspended, either for delinquency in payment of fees or for any other reason, is not permitted to attend classes during the period of suspension.

For further regulations regarding attendance, consult the announcements of the several colleges and schools.

### CONTINUOUS REGISTRATION

A student who withdraws or is suspended, or is otherwise absent from the University for one term or more, may re-enter and continue his work only under the rules and regulations in force at the time of his return. With the approval of the dean of the college or school concerned, a student may be granted leave of absence; such student should, however, remain technically in residence by paying the usual University fee for each term he is absent.

For the purpose of this regulation, the summer sessions will not be considered a term.

### SCHOLARSHIP REQUIREMENTS

A student who fails to maintain the scholarship requirements of the college, school, or division in which he is registered may be dismissed from the University.

### GRADES

Grades are not given out by instructors but are mailed to the student through the Office of the Registrar at the close of each term. Upon request, a copy of the student's grades will be forwarded to his parent or guardian.

The following grading system is used: *A* (90-100 per cent), excellent; *B* (80-89 per cent), good; *C* (70-79 per cent), average; *D* (60-69 per cent), passing; *E*, conditioned, not passing; *F* (below 60 per cent), failing; *Inc.*, incomplete; *W*, withdrawn. *W* is followed by a letter grade indicating the quality of work the student was doing at the time of withdrawal. A course failed must be repeated with a passing grade in order to be credited. No student may repeat for credit a course in which he has received a grade above *E*, without the permission of the faculty of the college, school, or division in which he is registered. A condition may be removed within one year on terms specified by the instructor, but in no case will a final grade above *D* be given unless the course is repeated in class. A grade of "incomplete" cannot be altered after the lapse of one calendar year except by action of the Faculty.

For graduate work, grades are indicated as "satisfactory", "unsatisfactory", or "incomplete".

For the grading systems of the Law School and the School of Medicine, see the explanations in the announcements of those schools.

#### QUALITY-POINT INDEX

Quality points are computed from grades as follows: *A*, four points; *B*, three points; *C*, two points; *D*, one point; *E*, and *F*, no points, for each credit hour for which the student has registered.

Scholarship is computed in terms of the quality-point index, obtained by dividing the number of quality points by the number of credit hours for which the student has registered, both based on the complete collegiate record. Courses marked *W* or *Inc.* are not considered in determining the index.

#### EXAMINATIONS

Examinations are scheduled in all courses at the end of each term or at the completion of the course.

A student guilty of dishonesty in examinations may be deprived of credit for the courses in which dishonesty occurs and may be dismissed from the University.

For further regulations regarding examinations, consult the announcements of the several colleges, schools, and divisions.

#### WITHDRAWAL

A student who is obliged to withdraw from the University or from a course must immediately notify the dean of the college, school, or division in which he is registered. Permission to withdraw from the University cannot be obtained by a student who has not a clear financial record. (See "Fees and Financial Regulations", pages 20-23.)



Withdrawal within the last month of a term or within the last two weeks of a summer session will be approved only in exceptional cases. (See "Withdrawals and Refunds", pages 22 and 23.)

*The grade of F (failing) will be given in a course dropped without the approval of the dean.*

*All charges for courses dropped without the approval of the dean must be met by the student. Reporting the dropping of a course to an instructor does not effect its discontinuance.*

#### CHANGES IN PROGRAM OF STUDIES

A student may not change or drop (see "Withdrawals", above) courses or change his status to that of auditor except with the approval of the dean of the college, school, or division in which he is registered, upon presentation of adequate reasons for such changes.

Change from one section to another of the same course or from one major subject to another within the same college or school may be made with the approval of the dean. All requirements specified in the course of study to which the change is made must be satisfied before graduation.

Transfer from one college, school, or division to another may be made only with the approval of the deans concerned. Applications for such change should be made on the proper form, obtainable in the Office of the Director of Admissions, where it should be filed.

#### CREDIT

Credit toward a degree is given only after regular registration for and satisfactory completion of the required work of classes in the University, or upon the granting of advanced standing in accordance with the regulations of the several colleges, schools, and divisions.

On request the Registrar will issue to the student a balance sheet showing the amount of work completed and the amount necessary to complete the requirements for a degree.

#### TRANSCRIPTS OF RECORD

Official transcripts of student records will be forwarded on request to other institutions. Unofficial copies of records will be issued to the student on request. No charge is made for the first three transcripts; a fee of one dollar is charged for each one thereafter. No certificate of work done will be issued for a student who does not have a clear financial record.

#### SUMMER SCHOOL CREDIT

A student who plans to attend summer school sessions at another institution with the intention of having credits so obtained apply toward graduation from this University must first secure the written approval of

the dean of his college or school. In no event will such credits be recognized to an amount in excess of that which might be earned in a similar period in this institution.

#### PHYSICAL EDUCATION REQUIREMENTS

Students in the Junior College and freshmen and sophomores in the School of Engineering are required to take Physical Education 1-2 and 11-12 unless they are registered for less than three courses, or unless regular employment during the day makes it necessary to take all classes during the late afternoon hours.

Any other exemptions will be granted only upon written application which has been recommended by the physical education department concerned and approved by the dean of the college or school in which the student is registered.

A student entering the University with advanced standing is not exempt from the physical education requirements unless he has satisfactorily met the requirements elsewhere. Courses in military training are not accepted in satisfaction of these requirements.

The required medical and physical examinations, as specified by the departments of physical education, will be arranged at the time of registration.

#### GRADUATION REQUIREMENTS

To be recommended for graduation a student must have met the admission requirements of the college or school, in which he is registered, completed satisfactorily the scholarship, curriculum, residence, and other requirements for the degree for which he is registered, and be free from all indebtedness to the University.

*Application for Graduation.*—Applications for a degree should be filed in the Office of the Registrar at the time of registration for the first term of the senior or final year and may not be filed later than the date specified in the University calendar.

*Scholarship.*—In all undergraduate divisions of the University the scholarship requirement for graduation is a quality-point index of at least 2.00.

The graduate student must meet the scholarship requirements for the particular degree for which he is registered.

*Curriculum.*—Curriculum requirements for each degree are stated under the college or school offering work in preparation for the degree.

*Residence.*—In all undergraduate divisions of the University a minimum of one year, or thirty credit hours, must be completed in residence. Summer term work may be counted in residence, but in no case may the period of residence aggregate less than thirty weeks. Unless special permission is granted by the dean of the college or school concerned to pur-

sue work elsewhere, the work of the senior or final year must be completed in residence.

The graduate student must meet the residence requirements for the particular degree for which he is registered.

*Attendance and Conduct.*—The University reserves the right to refuse to confer a degree upon a candidate whose attendance or conduct has been unsatisfactory.

*Thesis.*—A thesis submitted in partial satisfaction of requirements for the Master's degrees, the professional degrees in engineering, the degree of Doctor of Education, or the degree of Doctor of Philosophy must be presented in its final form to the dean of the college or school concerned not later than the date specified in the University calendar. Three\* copies of each thesis are required, one typewritten original and two legible and complete carbon copies. Detailed instructions for the styling of all theses should be obtained from the appropriate Dean.

Accepted theses, with accompanying drawings, become the property of the university and are deposited in the University Library, where the duplicate copies are bound and made available for circulation. Permission to publish or adapt material in the thesis must be secured from the appropriate faculty.

*Presence at Graduation.*—A candidate is required to be present at the graduation exercises unless written application for graduation in absentia is approved by the dean of his college or school.

#### HONORS

*With Distinction.*—In all undergraduate divisions of the University the degree may be conferred "with distinction", at the discretion of the Faculty, if a student attains a quality-point index of 3.50 or higher on all work taken at this institution except that taken during the term immediately preceding the granting of the degree. To be eligible for this honor a student must have completed at this institution at least one-half of the work required for the degree.

*Special Honors.*—Special honors may be awarded by the Faculty to any member of the graduating class for outstanding achievement in the student's major field of work on recommendation of the major department, under the following regulations:

1. The student must have his candidacy for special honors approved by the faculty member representing the major department not later than the beginning of the senior year.
2. The student must meet such other conditions as the major department may set at the time his candidacy is approved.
3. No student will be awarded special honors unless he has a quality-point index of at least 3.00 on all work taken at this institution except

\* In the School of Education, four copies.



that taken during the term immediately preceding the granting of the degree. To be eligible for this honor a student must have completed at this institution at least one-half of the work required for the degree.

#### THE LIBRARY

A student registered in the University is entitled to the reference use of the University Library. The Student Activities Book or the Registration Card, issued upon payment of the University fee, must be presented as identification.

Library books, with the exception of those in the Law and Medical collections, may be drawn for home use for a period of two weeks. Any book which does circulate is subject to recall by the Librarian at any time. Reserve books and periodicals for collateral reading must be used in the reading rooms when the Library is open. With special permission they may be drawn for overnight use when the Library closes. A fine of twenty-five cents will be charged for the first hour or fraction of an hour and five cents for each hour or fraction thereafter that a reserve book is overdue. Grades of a student will be withheld until his library record is clear.

#### HOURS

The University Library is open from 9:00 A.M. to 10:00 P.M. each class day (Saturday, 9:00 A.M. to 1:00 P.M.), and from 2:00 to 6:00 P.M. on Sunday.

The Law Library, in Stockton Hall, 720 Twentieth Street, is open from 9:00 A.M. to 10:00 P.M. each class day (Saturday, 9:00 A.M. to 1:00 P.M.), and from 2:00 to 6:00 P.M. on Sunday.

The Medical Library, at 1335 H Street, is open from 8:30 A.M. to 9:00 P.M. each class day (Saturday, 8:30 A.M. to 4:00 P.M.).

#### RIGHT TO DISMISS STUDENTS

The right is reserved by the University to dismiss or exclude any student from the University, or from any class or classes, whenever, in the interest of the student or the University, the University Administration deems it advisable to do so.

#### RIGHT TO CHANGE RULES

The University and its various colleges, schools, and divisions reserve the right to modify or change requirements, rules, and fees. Such regulations shall go into force whenever the proper authorities may determine.

## STUDENT LIFE

### RELIGIOUS LIFE

The University recognizes the contribution that religion can make to the education of its students by encouraging them to participate in denominational clubs of their own choice. National Catholic, Hebrew, and Protestant bodies sponsor these religious organizations, which act as links between the University and the local churches. The Director of the University Chapel and the advisers to the various denominational organizations are available throughout the year for consultation on personal problems.

### UNIVERSITY CHAPEL

The University Chapel is maintained as a non-sectarian expression of the faith of the University in the contribution that religion can make to the education of its students. Twenty-minute services are held Friday of each week at 12:10 P.M. in the West Room of Columbian House. Lenten Vesper Services are conducted each Wednesday during Lent at 8:00 P.M. in the Upper Room of Columbian House. Representative clergymen of Washington are guest speakers at these non-denominational services.

### HEALTH ADMINISTRATION

The University maintains a staff of medical officers and a hospital.

The University Physician for Women maintains an office in the University.

The payment of the University fee entitles the student to certain health services described under the Department of Health Administration.

### LIVING ACCOMMODATIONS

Application for room reservations should be made well in advance. Forms for application, together with detailed information may be obtained from the Adviser on Women's Activities. The prices stated below are subject to change without notice.

*Women Students.*—Women students under twenty-one years of age who carry twelve or more credit hours of academic work must have their residences approved by the Adviser on Women's Activities before their registrations can be completed.

The Hattie M. Strong Residence Hall: single rooms with breakfast and dinner are \$54 a month; double rooms with the same service are \$47 a month a person.

Staughton Residence Hall: single rooms are \$25 a month; double rooms are \$18 a month a person.

#### PLACEMENT OFFICE

The Placement Office, in Columbian House, is maintained to assist graduates in finding positions for which their college work has prepared them.

#### STUDENT EMPLOYMENT

In addition an employment service is operated to assist the self-supporting student in finding full- or part-time employment.

The prospective student who expects to earn any part of his expenses and who does not have a definite appointment to a position before coming to Washington should have the means of support for at least one term.

Many out-of-town students secure positions in the departments of the Government in Washington by taking the United States Civil Service examinations in their home states.

#### VOCATIONAL COUNSELING

The Washington Counseling Center, established by the University, is at 720 Twenty-second Street NW. The Center offers educational and vocational counseling service, advice on social and personal problems, a psychometric service in tests and measurements, and the use of files of occupational information and training opportunities.

#### STUDENT ACTIVITIES

Control and direction of all student activities are vested in the committees on Extra-curricular Activities and Student Relationships. For a list of student activities and rulings governing them see the special printed regulations of the University.

#### RECOGNITION OF STUDENT ORGANIZATIONS

No student club or society (except social fraternities, sororities, scholastic honor societies, religious or professional clubs or societies) organized as a branch or affiliate of a non-George Washington University organization will be recognized by the Committee on Student Life.

#### PROPERTY RESPONSIBILITY

The University is not responsible for the loss, in any University building, of personal property belonging to a student.

For further information, catalogues, and application blanks, address the Director of Admissions.



THE COLLEGES, SCHOOLS, AND DIVISIONS



## THE JUNIOR COLLEGE

### THE FACULTY AND STAFF OF INSTRUCTION†

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
 Christopher Browne Garnett, Jr., Ph.D., Litt.D., *Dean of the Junior College*  
 Katharine Rogers Adams, Ph.D., *Assistant Dean in the Junior College*  
 Alan Thomas Deibert, A.M., *Assistant Dean in the Junior College*

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Thomas Benjamin Brown, Ph.D., *Professor of Physics*  
 Henry Grattan Doyle, A.M., *Professor of Romance Languages*  
 Robert Fiske Griggs, Ph.D., *Professor of Botany*  
 Norris Ingersoll Crandall, M.Arch., *Professor of Art*  
 Edward Henry Sehr, Ph.D., *Professor of German*  
 Walter Lynn Cheney, Ph.D., *Professor of Physics*  
 Willard Hayes Yeager, A.M., *Depew Professor of Public Speaking*  
 Elmer Louis Kayser, Ph.D., *Professor of European History*  
 \*William Paul Briggs, M.S., *Professor of Pharmacy*  
 Donnell Brooks Young, Ph.D., *Professor of Zoology*  
 Warren Reed West, Ph.D., *Professor of Political Science*  
 Lowell Ragatz, Ph.D., *Professor of European History*  
 Francis Edgar Johnston, Ph.D., *Professor of Mathematics*  
 \*Benjamin Douglass Van Evera, Ph.D., *Professor of Chemistry*  
 William Crane Johnstone, Jr., Ph.D., *Professor of Political Science*  
 Merle Irving Protzman, Ph.D., *Professor of Romance Languages*  
 Ralph Dale Kennedy, Ph.D., *Professor of Accounting and Business Administration*  
 Florence Marie Mears, Ph.D., *Professor of Mathematics*  
 Christopher Browne Garnett, Jr., Ph.D., Litt.D., *Elton Professor of Philosophy*  
 \*Wood Gray, Ph.D., *Professor of American History*  
 Thelma Hunt, Ph.D., M.D., *Professor of Psychology*  
 \*Harold Friend Harding, Ph.D., *Professor of Public Speaking*  
 Ira Bowers Hansen, Ph.D., *Professor of Zoology*  
 \*Paul William Bowman, Ph.D., *Professor of Biology*  
 Lawson Edwin Yocum, Ph.D., *Professor of Botany*

\* On war leave 1945-46

† The President of the University, the Dean and Assistant Deans of the College, the Registrar of the University, the Director of Admissions of the University, Professors, Adjunct Professors, Associate Professors, Assistant Professors, and Instructors constitute the Faculty.



- \*John Withrow Brewer, Ph.D., *Professor of International Law*  
 Arthur Edward Burns, Ph.D., *Adjunct Professor of Economics*  
 Alan Thomas Deibert, A.M., *Associate Professor of Romance Languages*  
 \*Raymond John Seeger, Ph.D., *Associate Professor of Physics*  
 Audley Lawrence Smith, Ph.D., *Associate Professor of English*  
 \*John Francis Latimer, Ph.D., *Associate Professor of Classical Languages and Literatures*  
 \*Louis Clark Keating, Ph.D., *Associate Professor of Romance Languages*  
 William Henry Myers, A.M., *Associate Professor of Physical Education for Men*  
 Samuel Nathaniel Wrenn, Ph.D., *Associate Professor of Chemistry*  
 \*Charles Rudolph Naeser, Ph.D., *Associate Professor of Chemistry*  
 \*Howard Maxwell Merriman, Ph.D., *Associate Professor of American Diplomatic History*  
 Ernest Sewall Shepard, A.M., *Associate Professor of English*  
 \*George Winchester Stone, Jr., Ph.D., *Associate Professor of English*  
 Helen Bennett Lawrence, A.M., *Associate Professor of Physical Education for Women*  
 Donald Stevenson Watson, Ph.D., *Associate Professor of Economics*  
 Maurice Hart Van Horn, Ph.D., *Associate Professor of Chemistry*  
 Irene Cornwell, Ph.D., *Associate Professor of French*  
 Kathryn Mildred Towne, A.M., *Associate Professor of Home Economics*  
 Antonio Alonso, A.M., *Associate Professor of Spanish*  
 Charles William Cole, Ph.D., *Associate Professor of English*  
 \*Henry Goddard Roberts, A.M., *Assistant Professor of Public Speaking*  
 \*Winfield DeWitt Bennett, A.M., LL.B., *Assistant Professor of Public Speaking*  
 Gretchen Louisa Rogers, Ph.D., *Assistant Professor of German*  
 \*Jenny Emsley Turnbull, A.M., *Assistant Professor of Physical Education for Women*  
 Wolfram Karl Legner, Ph.D., *Assistant Professor of German*  
 Dorothy Helene Veon, A.M., *Assistant Professor of Secretarial Studies*  
 Florence Everett Hooper, Ph.D., *Assistant Professor of Chemistry*  
 Edith Elizabeth Mortensen, A.M., *Assistant Professor of Zoology*  
 Elizabeth Burtner, A.M., *Assistant Professor of Physical Education for Women*  
 Maurice Harold Irvine, Ph.D., *Assistant Professor of English*  
 Elizabeth Fehrer, Ph.D., *Assistant Professor of Psychology*  
 Averett Howard, A.M., *Assistant Professor of English*  
 Peyton Armstrong Kerr, Ph.D., *Lecturer in Economics*  
 Katharine Rogers Adams, Ph.D., *Lecturer in English*  
 \*Charles Norval Cofer, Ph.D., *Instructor in Educational Psychology*  
 \*Robert Corbin Vincent, Ph.D., *Instructor in Chemistry*

\* On war leave 1945-46.

Georgette Dupuy Caskie, L.-ès-L., *Instructor in Romance Languages*  
 \*Martin Steele Day, A.B., *Instructor in English*  
 Mary Isabel Downing, A.M., *Instructor in Spanish*  
 Phyllis Annette Nichols, A.B., *Instructor in English*  
 Judson Cull French, B.S., *Instructor in Physics*  
 Ruth Preston Lehmann, Ph.D., *Instructor in English*  
 Muriel Hope McClanahan, Ph.D., *Instructor in English*  
 Grace Evelyn Swanson, A.M., *Instructor in English*  
 John Sherwood Weber, A.M., *Instructor in English*  
 Kathryn Howard Makeig, A.M., *Instructor in Speech*  
 George Horsley Smith, Ph.D., *Instructor in Psychology*  
 Margery Fitz Stephen Taylor, A.B., M.S., *Instructor in Physical Education for Women*

COMMITTEES‡

THE DEAN'S COUNCIL§

1946

Merle Irving Protzman  
 Ernest Sewall Shepard

1947

Francis Edgar Johnston  
 Florence Marie Mears

1948

Charles William Cole  
 Maurice Hart Van Horn

COMMITTEE ON ADMISSION AND ADVANCED STANDING

Florence Marie Mears, *Chairman*

Maurice Hart Van Horn  
 Gretchen Louisa Rogers

Charles William Cole  
 Maurice Harold Irvine

COMMITTEE ON SCHOLARSHIP

Samuel Nathaniel Wrenn, *Chairman*

Katharine Rogers Adams  
 Wolfram Karl Legner

Lawson Edwin Yocum  
 Alan Thomas Deibert

JUNIOR COLLEGE ADVISORY STAFF

Christopher Browne Garnett, Jr., *Dean of the Junior College, Chairman*  
 Katharine Rogers Adams  
 Alan Thomas Deibert

ADVISERS FOR BACHELOR OF ARTS AND BACHELOR OF SCIENCE CURRICULA

Antonio Alonso, Walter Lynn Cheney, Charles William Cole, Florence  
 Everett Hooper, Maurice Harold Irvine, Francis Edgar Johnston, Edith  
 Elizabeth Mortensen, Gretchen Louisa Rogers, Lawson Edwin Yocum.

\* On war leave 1945-46.

‡ The President of the University and the Dean of the Junior College are members ex officio of all committees.

§ Elected by the Faculty.

## ADVISERS FOR PREPROFESSIONAL CURRICULA

Ruth Coyner Little (Education), William Henry Myers (Physical Education for Men), Helen Bennett Lawrence (Physical Education for Women), Kathryn Mildred Towne (Home Economics), Saul Chesterfield Oppenheim (Law), Lloyd Walter Hazleton (Pharmacy).

## GENERAL INFORMATION

## INTRODUCTORY

The Junior College, which comprises the first two years of the standard four-year college program in the liberal arts and sciences, was established in 1930 as a part of the academic reorganization of the University. Prior to 1930, the four-year program had been administered by Columbian College since its organization in 1821.

The Junior College curricula continue the studies of a general cultural nature begun in the secondary schools, and lay a foundation for the more specialized work which is to follow. Emphasis is accordingly laid (1) upon the social, cultural, biological, and physical background of civilization (history, political science, physical and biological sciences, literature, etc.) and (2) upon the discipline necessary to the effective prosecution of more advanced work (English rhetoric and composition, foreign languages, mathematics, etc.).

The Junior College also provides the preprofessional work required for admission to the schools of Law, Pharmacy, Education, and Government, and the first two years of the preprofessional work required by the School of Medicine.

In addition it provides two-year curricula in vocational training, leading to the degree of Associate in Arts.

## ADVISORY SYSTEM

In order that students may have opportunities for assistance in planning their courses and also for obtaining personal, educational, and vocational advice in every phase of their academic work during the first two years, a number of members of the Faculty serve as advisers to Junior College students.

Members of the Faculty, selected for their knowledge of Junior College requirements and student programs, advise both incoming freshmen and old students in making up their programs of study for each term. A separate staff of experienced advisers under the chairmanship of the Dean assists those students who find it difficult to make adjustments to college life because of scholastic or other reasons. Students who are "warned" or who are on probation may be required to consult these advisers at regular intervals. Students are encouraged to consult any members of



the Advisory Staff or their instructors about college problems at any time.

Copies of notices of "warning" or probation will be sent to the parents or guardians of students on request, and the Dean and members of the Advisory Staff are always available for consultation with parents or guardians concerning student problems.

### REGULATIONS

*Students in the Junior College are subject to, and are expected to familiarize themselves with, the regulations regarding ADMISSION, REGISTRATION, FEES AND FINANCES stated on pages 10-23, and the University regulations stated on pages 35-40.*

### SCHOLASTIC-APTITUDE TESTS

Students admitted to the Junior College may be required to take the scholastic-aptitude tests of the University.

### ENGLISH PLACEMENT EXAMINATIONS

Special placement examinations, required of all entering freshmen, will be conducted by the English Department. Students registered in English 1 are tested in the minimum essentials of standard usage, vocabulary, writing skill, and reading speed and comprehension. Those students who show marked superiority may be exempted from one or both terms of the course; those who are inadequately prepared for the course will be assigned to English 0.

### FIRST- AND SECOND-GROUP COURSES

A Junior College student may not take second-group courses (courses numbered 101-200) without the written permission of the instructor and of the Dean of the Junior College. A student will not be permitted to postpone a first-group course, required under the curriculum for which he is registered, in order to take a second-group course for elective credit. The principle that first-group courses must be taken in the Junior College years, and advanced courses in Columbian College and the professional schools, will be rigidly adhered to in approving student programs. No student on probation is permitted to take second-group courses except by the express permission of the scholarship committee.

### AMOUNT OF WORK

Fifteen or sixteen credit hours, not including required physical education, constitute normal work. A student not on probation may be permitted by the Dean to take seventeen credit hours.

A student having a quality-point index of 3.50 may, with the permission of the Dean, take eighteen or nineteen credit hours. No student may

take more than nineteen credit hours, except with the permission of the Committee on Scholarship.

For an employed student working more than twenty-four hours a week, nine credit hours, not including required physical education, constitute normal work. An employed student not on probation may be permitted by the Dean to take ten credit hours. An employed student having a quality-point index of 3.50 may be permitted by the Dean to take twelve or thirteen credit hours.

A student previously unemployed who accepts employment subsequent to registration or at any time during a term is required to report that fact immediately to the Dean, to bring his program within the Faculty's limitations upon the amount of work to be carried by an employed student.

#### ATTENDANCE

The student is held responsible to the instructor in charge of the course for which he is registered for all the work of the course, and all absences must be excused before provision will be made for him to make up the work missed.

With the exceptions noted below, occasional absences, not to exceed in number for each term the credit hours for the term, will be automatically excused. (If a course has distinct divisions such as lectures, laboratories, recitations, etc., these excuses apply pro rata to such separate divisions.) In applying this rule absences immediately preceding or following holiday periods are to be counted double.

Such automatic excuses are intended to cover the occasional minor exigencies and not to constitute an indiscriminate privilege. A student on probation is allowed no automatic excuses.

Excuses for absences from two or more consecutive class periods, and for absences from examinations which have been announced in advance, can be obtained only by making written application to the Dean of the Junior College. All other absences may be excused by the instructor in charge.

A student whose absences from any class, whether excused or unexcused, are in excess of one-fourth of the total number of class periods will receive the grade of *F* for the course, except by special ruling of the Dean on recommendation of the instructor in the course.

#### CLASSIFICATION OF STUDENTS

A student who has satisfactorily completed at least thirty-two credit hours of work, including eighteen credit hours in his curriculum requirements, is classed as a *sophomore*.

## THE DEGREE OF ASSOCIATE IN ARTS

Upon the satisfactory completion of the requirements of the Junior College, the degree of Associate in Arts is conferred.

### REQUIREMENTS FOR THE DEGREE

#### SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 35 and 36.

In order to receive the degree of Associate in Arts a student must have a quality-point index of at least 2.00.

*Honor Roll.*—The name of every student who has a quality-point index of 3.50 or higher will be placed on the honor roll and published. No consideration is given to those who have completed a total of less than fifteen credit hours. A place on the honor roll does not necessarily mean that the student will receive honors upon graduation.

*Probation.*—A student must maintain a quality-point index of at least 2.00, or be placed on probation. The case of each student who has a quality-point index between 1.50 and 2.00, however, will be considered by the Committee on Scholarship, which may retain or remove the probation. A student remains on probation as long as his quality-point index is below 2.00, or until his probation is removed by the Committee.

*Suspension.*—A student who has a quality-point index below 1.50 will be suspended. The case of each student who has a quality-point index between 1.35 and 1.50, however, will be considered by the Committee on Scholarship, which may retain him on probation or suspend him.

A student who is placed on probation for the third term, whether successive or after an interval, will be suspended.

For the purpose of these rules, the summer sessions are considered a term.

A student suspended for poor scholarship may apply for readmission after an interval of a calendar year. He must then submit evidence to the Committee on Admission and Advanced Standing that during his absence from the University he has so conducted himself as to indicate that he will profit by readmission. A student suspended twice for poor scholarship will not be readmitted.

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The foregoing scholarship rules are applied to a student with a limited schedule only when he has undertaken a minimum of fifteen credit hours.



*Warnings.*—At stated intervals during the academic year instructors file in the Office of the Registrar the names of those students who are doing work of D grade or lower. A "warning" will then be transmitted to the student concerned and a copy forwarded to his adviser. A warning constitutes notice to the student that he must consult his adviser within two weeks of his receipt of the warning. Upon request a parent or guardian may receive a copy of a warning notice sent to a student. "Warning periods" are established as follows: fall term—November 1 to 15; winter term—March 15 to 30; summer term—each session, third to fourth week.

### CURRICULUM REQUIREMENTS

The satisfactory completion of sixty credit hours of college work, exclusive of physical education, is required as outlined in one of the Junior College curricula described below and in the table facing pages 56 and 57.

Except for students registered for the combined degrees of Bachelor of Arts and Doctor of Medicine, or Bachelor of Arts and Bachelor of Laws, not more than twelve credit hours of professional courses may be included in the one hundred and twenty credit hours required for the Bachelor's degrees in Columbian College. Junior College students electing professional courses under this rule must obtain the approval of the Dean of the Junior College.

*Curricula for Admission to Columbian College and the Professional Schools.*—Each of the following curricula comprises the first two years of a standard four-year college course and prepares the student for upper division work. Requirements for graduation from the Junior College may not be the same as the requirements for admission to Columbian College or a professional school. Therefore, the student should consult the specific admission requirements of the college or school for which he is preparing.

The first two years of the premedical college work are undertaken in the Junior College in accordance with either curriculum A-I\* or A-II\*. Each premedical program must be approved by the premedical adviser.

#### Curricula for admission to:

##### 1. Columbian College:

A-I\*—Prepares for the Bachelor of Arts curriculum in Columbian College.

A-II\*—Prepares for the Bachelor of Science curriculum in Columbian College.

\* See the table facing page 56.

## 2. The Law School:

A-I\* or E\*—Prepares for the Bachelor of Laws curriculum in the Law School.

## 3. School of Pharmacy:

C\*—Prepares for the Bachelor of Science curriculum in the School of Pharmacy.

## 4. School of Education:

D-I (Same as A-I\*)—Prepares for the Bachelor of Arts in Education curriculum in the School of Education.

D-II\*—Prepares for the Bachelor of Science in Home Economics curriculum in the School of Education.

D-III\*—Prepares for the Bachelor of Science in Physical Education for Men curriculum in the School of Education.

D-IV\*—Prepares for the Bachelor of Science in Physical Education for Women curriculum in the School of Education.

## 5. School of Government:

E-I\*—Prepares for the Bachelor of Arts in Government curriculum in the School of Government with a major in Foreign Affairs.

E-II\*—Prepares for the Bachelor of Arts in Government curriculum in the School of Government with a major in Accounting or in Business Administration.

E-III\*—Prepares for the Bachelor of Arts in Government curriculum in the School of Government with a major in Statistics.

*Vocational Curricula.*—In addition to the above curricula, all of which prepare for admission to upper division colleges and schools, the Junior College offers the following two-year terminal courses.

## F—Secretarial Studies Curriculum ‡:

FIRST YEAR	Credit Hours	SECOND YEAR	Credit Hours
Business Administration 51-52.....	6	Economics 1-2.....	6
English 1-2.....	6	Physical Education	
Physical Education		Secretarial Studies 15 and 16.....	6
Secretarial Studies 1 and 2.....	4	Secretarial Studies 51-52.....	6
Secretarial Studies 11 and 12.....	8	Secretarial Studies 54.....	3
Electives.....	6	Speech 1.....	3
		Electives.....	6
Total.....	30	Total.....	30

\* See the table facing pages 56 and 57.

‡ The Junior College curriculum in Secretarial Studies comprises the first two years of a four-year curriculum leading to the degree of Bachelor of Science in Secretarial Administration (see special bulletin). Students with advanced standing in secretarial studies may substitute electives approved by the Faculty adviser. One year of science and two years of a foreign language (see foreign-language requirements, pages 54 and 55) are required for the degree of Bachelor of Science in Secretarial Administration.

**G—Accounting Curriculum:**

The required work may be completed in two years on a full-time basis or in three years on a part-time basis, with the approval of the adviser.

REQUIRED COURSES	Credit Hours
Business Administration 51-52....	6
Business Administration 101-2....	6
Business Administration 115.....	3
Business Administration 145.....	3
Business Administration 151-52....	6
Business Administration 155.....	3
Business Administration 165.....	3
Economics 1-2 .....	6
Economics 121.....	3
English 1-2.....	6
Political Science 127.....	3
Political Science 128.....	3
Electives.....	9
(To be selected with the approval of the adviser.)	
Total.....	60

**Physical Education Requirements**

Physical education is required of all students in the freshman and sophomore years. (See "Physical Education Requirements", page 38.)

**Foreign-Language Requirements**

For the degree of Associate in Arts a student must have completed satisfactorily the equivalent of two years of college work in a single foreign language.

A student offering for admission four acceptable high school units of a single foreign language, or the equivalent, is not required to take any foreign language. If he offers three units, he must complete the second term of the second-year college course in the same language. If he offers two units, he must complete the entire second-year college course in the same language (except in the Pre-Pharmacy Curriculum, where he may substitute another language or elective). If he offers one unit, he must complete the second term of the first-year college course and the entire second-year course in the same language. A student who offers irregular or inadequate preparatory work in a given language, or who has permitted a year or more to elapse since the completion of the second high school unit, must consult the executive officer of the department in question for assignment to proper courses. On written recommendation of the proper executive officer, and with the approval of the Dean of the



Junior College, a student may repeat for credit a language course taken in high school.

In some instances foreign languages are required or recommended as a preparation for advanced work in Columbian College and the professional schools. The student should consult his adviser as to these requirements, so that appropriate foreign languages may be included, when necessary, in his Junior College program.

#### Examinations for Waiving Curriculum Requirements \*

A student desiring to omit a required course may take such examination as the department prescribes, and, on passing satisfactorily, he may be relieved of the curriculum requirements in that subject and may qualify for registration in an advanced course. Passing of this examination does not entitle the student to any hours of credit toward the degree. A student desiring to take such examinations should make written request of the Dean and pay the required fee at the Office of the Comptroller before the date of the examination specified in the University calendar.

#### Honors

The degree of Associate in Arts may be conferred "with distinction" upon the student who has a quality-point index of 3.50 or higher.

\* This provision does not apply to the premedical student, all of whose required premedical work must be taken in a recognized college of arts and sciences.



# TO COLUMBIAN COLLEGE

## IS: BIOLOGY, BOTANY, CHEMISTRY, HEMATICS, PHYSICS, AND ZOOLOGY \*

b 1-2.....	6
ish 51-52, 71-72, 91-92, or Art 11-12, or ctive if 6 hours of Social Studies are taken	6
non-science elective	12
nowledge of French or German is required. This ompletion of French 6 or German 6 or by	
y 39-40 71-72, Political Science 9-10 (Elec- the sophomore English group are taken—see	6
ny 1-2, Geology 21-22, Zoology 1-2.....	24
(12-21), Mathematics 6, 12 (12, 10), Physics	10
urses from either group a or b )	28
	2
	10
	12

nt of requirement

60 to 64

ool courses in chemistry, mathematics, and physics  
these subjects for credit only with the approval of the

## ONAL 9

### COURSES UCATION

	SOPHO
English .....	Englis 71-7 92
Foreign Language.	
Social Studies....	
Mathematics, Scien	
Curriculum Electiv Technical Course	Physica tion 49 Psychol
Electives .....	Acaden
Minimum Required Credits .....	10
Physical Education quirements (see 38)	



## SCHOOLS

SCHOOLS							
E. SCHOOL OF GOVERNMENT							
FOR WOMEN		I. ACCOUNTING AND BUSINESS ADMINISTRATION		II. FOREIGN AFFAIRS		III. STATISTICS	
MORE YEAR		FRESHMAN AND SOPHOMORE YEARS					
English 51-52, 2, or 91-.....	6	English 1-2.....	6	English 1-1.....	6	English 1-1.....	6
		(See page 54)....	12	(See page 54)....	12	(See page 54)....	12
		Economics 1-2... History 39-40 or 71-72 ..... Political Science 9-10 .....	6 6 6	Economics 1-2... History 39-40, 71-72 ..... Political Science 9-10 .....	6 12 6	Economics 1-2... Philosophy 1-2...	6 6
		Statistics 3-4....	6	Botany, Chemistry, Mathematics, Physics, or Statistics, or Zoology .....	6 or 8	Mathematics 20 and Prerequisites ..... Statistics 3-4....	3 to 12 6
1 Educa-15-16, 18, ..... ogy 1, 22	10 6	Business Administration 51-52	6				
ic .....	8		12	(To satisfy minimum required credits)		(To satisfy minimum requirements)	
	30		60		60 or 62		60

## COLUMBIAN COLLEGE

### THE FACULTY AND STAFF OF INSTRUCTION‡

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Henry Grattan Doyle, A.M., *Dean of Columbian College*

---

Thomas Benjamin Brown, Ph.D., *Professor of Physics*  
Henry Grattan Doyle, A.M., *Professor of Romance Languages*  
Robert Fiske Griggs, Ph.D., *Professor of Botany*  
John Donaldson, Ph.D., *Professor of Political Economy*  
Norris Ingersoll Crandall, M.Arch., *Professor of Art*  
Colin Mackenzie Mackall, Ph.D., *Professor of Chemistry*  
Edward Henry Sehr, Ph.D., *Professor of German*  
Robert Whitney Bolwell, Ph.D., *Professor of American Literature*  
Walter Lynn Cheney, Ph.D., *Professor of Physics*  
James Henry Taylor, Ph.D., *Professor of Mathematics*  
Willard Hayes Yeager, A.M., *Depew Professor of Public Speaking*  
Elmer Louis Kayser, Ph.D., *Professor of European History*  
Donnell Brooks Young, Ph.D., *Professor of Zoology*  
Frank Mark Weida, Ph.D., *Professor of Statistics*  
Warren Reed West, Ph.D., *Professor of Political Science*  
\*Edward Teller, Ph.D., *Professor of Physics*  
Lowell Ragatz, Ph.D., *Professor of European History*  
Francis Edgar Johnston, Ph.D., *Professor of Mathematics*  
\*Benjamin Douglass Van Evera, Ph.D., *Professor of Chemistry*  
William Crane Johnstone, Jr., Ph.D., *Professor of Political Science*  
\*Mitchell Dreese, Ph.D., *Professor of Educational Psychology*  
Merle Irving Protzman, Ph.D., *Professor of Romance Languages*  
Alva Curtis Wilgus, Ph.D., *Professor of Hispanic American History*  
Florence Marie Mears, Ph.D., *Professor of Mathematics*  
Christopher Browne Garnett, Jr., Ph.D., Litt.D., *Elton Professor of Philosophy*  
\*Wood Gray, Ph.D., *Professor of American History*  
Thelma Hunt, Ph.D., M.D., *Professor of Psychology*  
\*Harold Friend Harding, Ph.D., *Professor of Public Speaking*  
Ira Bowers Hansen, Ph.D., *Professor of Zoology*  
John Albert Tillema, Ph.D., LL.M., S.J.D., *Professor of Political Science*  
\*Paul William Bowman, Ph.D., *Professor of Biology*

\* On war leave 1945-46.

‡ The President of the University, the Dean of the College, the Registrar of the University, the Director of Admissions of the University, Professors, Adjunct Professors, Associate Professors, and Assistant Professors constitute the Faculty.

Lawson Edwin Yocum, Ph.D., *Professor of Botany*

\*John Withrow Brewer, Ph.D., *Professor of International Law*

James Christopher Corliss, A.M., *Adjunct Professor of Inter-American Economics*

Arthur Edward Burns, Ph.D., *Adjunct Professor of Economics*

Alan Thomas Deibert, A.M., *Associate Professor of Romance Languages*

\*Raymond John Seeger, Ph.D., *Associate Professor of Physics*

Audley Lawrence Smith, Ph.D., *Associate Professor of English*

\*Edward Champion Acheson, Ph.D., *Associate Professor of Finance*

\*Donald Chenoweth Kline, B.Arch., *Associate Professor of Art*

\*John Francis Latimer, Ph.D., *Associate Professor of Classical Languages and Literatures*

\*Louis Clark Keating, Ph.D., *Associate Professor of Romance Languages*

Samuel Nathaniel Wrenn, Ph.D., *Associate Professor of Chemistry*

\*Charles Rudolph Naeser, Ph.D., *Associate Professor of Chemistry*

\*Howard Maxwell Merriman, Ph.D., *Associate Professor of American*

#### *Diplomatic History*

Ernest Sewall Shepard, A.M., *Associate Professor of English*

\*George Winchester Stone, Jr., Ph.D., *Associate Professor of English*

Donald Stevenson Watson, Ph.D., *Associate Professor of Economics*

Fred Salisbury Tupper, Ph.D., *Associate Professor of English*

Maurice Hart Van Horn, Ph.D., *Associate Professor of Chemistry*

Antonio Alonso, A.M., *Associate Professor of Spanish*

Edwin Wallace Davis, Ph.D., *Associate Professor of Psychology*

Charles William Cole, Ph.D., *Associate Professor of English*

\*Henry Goddard Roberts, A.M., *Assistant Professor of Public Speaking*

\*Steuart Henderson Britt, Ph.D., *Assistant Professor of Psychology*

Wolfram Karl Legner, Ph.D., *Assistant Professor of German*

Maurice Harold Irvine, Ph.D., *Assistant Professor of English*

Elizabeth Fehrer, Ph.D., *Assistant Professor of Psychology*

Lloyd Ancil Spindler, Sc.D., *Lecturer in Zoology*

Howard Wissler Bond, Ph.D., *Lecturer in Chemistry*

#### COMMITTEES‡

#### THE DEAN'S COUNCIL §

1946

Colin Mackenzie Mackall

Florence Marie Mears

1947

Thomas Benjamin Brown

Ira Bowers Hansen

1948

Fred Salisbury Tupper

Donald Stevenson Watson

\* On war leave 1945-46

‡ The President of the University and the Dean of Columbian College are members ex officio of all committees

§ Elected by the Faculty.



COMMITTEE ON ADMISSION AND ADVANCED STANDING

Frank Mark Weida, *Chairman*

Ernest Sewall Shepard, *Secretary*

Maurice Hart Van Horn

Donald Stevenson Watson

Charles William Cole

Wolfram Karl Legner

COMMITTEE ON STUDIES

The Dean of the College, *Chairman*

Wolfram Karl Legner

Lawson Edwin Yocum

(*Languages and Literatures*)

(*Natural Sciences*)

Frank Mark Weida

Alva Curtis Wilgus

(*Mathematics and Physical  
Sciences*)

(*Social Sciences*)

COMMITTEE ON SCHOLARSHIP

Lawson Edwin Yocum, *Chairman*

Donald Stevenson Watson

Fred Salisbury Tupper

DIVISIONAL ORGANIZATIONS

LANGUAGES AND LITERATURES

Edward Henry Sehrt, *Chairman*

Audley Lawrence Smith, *Secretary*

Educational Committee

Wolfram Karl Legner, *Chairman*

Merle Irving Protzman

MATHEMATICS AND THE PHYSICAL SCIENCES

Francis Edgar Johnston, *Chairman*

Maurice Hart Van Horn, *Secretary*

Educational Committee

Frank Mark Weida, *Chairman*

Thomas Benjamin Brown

Samuel Nathaniel Wrenn

NATURAL SCIENCES

Ira Bowers Hansen, *Chairman*

Edith Elizabeth Mortensen, *Secretary*

Educational Committee

Lawson Edwin Yocum, *Chairman*

Chester Elwood Leese

Thelma Hunt

## SOCIAL SCIENCES

Donald Stevenson Watson, *Chairman*  
James Christopher Corliss, *Secretary*

## Educational Committee

Alva Curtis Wilgus, *Chairman* Frank Mark Weida  
Willard Hayes Yeager

## GENERAL INFORMATION

## INTRODUCTORY

Columbian College was founded in 1821. James Monroe, then President of the United States, aided in obtaining the charter from Congress which established "The Columbian College in the District of Columbia" for the "sole and exclusive purpose of educating youth in the English, learned and foreign languages, the liberal arts, sciences and literature", with full power to confer all degrees "usually granted and conferred in colleges".

In 1930, when the Junior College was established, the name "Columbian College" was bestowed upon the senior college of liberal arts.

## THE COLUMBIAN COLLEGE PROGRAM

In The George Washington University, the program for liberal arts and sciences extends from the general collegiate education of the Junior College (the freshman and sophomore years), through the instruction for the Bachelor's degrees of Columbian College (the junior and senior years), and the studies for the Master's degrees which are also in Columbian College, to the graduate discipline leading to the degree of Doctor of Philosophy, which is administered by the Graduate Council.

The purpose of Columbian College is to round out the program of liberal education begun in the Junior College and to bring to a focus educationally the individual talents and aptitudes of the student of liberal arts.

The program involves a comprehensive survey of a field of study, together with such knowledge of other fields as will contribute to the general educational development of the student. A field of study may be confined to one department or may involve a group of related courses in more than one department, or more than one division. The following divisions have been established in The George Washington University based on the relationship of course content, interrelation of methods and prerequisites, and similarity of background and viewpoint:

1. *The Division of Languages and Literatures.*—The departments of Classical Languages and Literatures, English, Germanic Languages and Literatures, and Romance Languages and Literatures.

2. *The Division of Mathematics and the Physical Sciences.*—The departments of Biochemistry, Chemistry, Mathematics, Pharmacology, Physics, and Statistics.
3. *The Division of the Natural Sciences.*—The departments of Anatomy, Bacteriology, Biology, Botany, Geology, Neurology, Pathology, Physiology, Psychology, and Zoology.
4. *The Division of the Social Sciences.*—The departments of Business Administration, Economics, Education, History, Law, Philosophy, Political Science, Sociology, and Speech.

### REGULATIONS

*Students in Columbian College are subject to, and are expected to familiarize themselves with, the regulations regarding ADMISSION, REGISTRATION, FEES AND FINANCES stated on pages 10-23, and the University regulations stated on pages 35-40.*

### AMOUNT OF WORK

A full-time student who is not on probation may take ordinarily not more than seventeen credit hours. A student employed more than twenty-four hours a week, who is not on probation, may take not more than ten credit hours.

A full-time student whose quality-point index is 3.50 or higher may take not more than nineteen credit hours. An employed student who meets the same standard may take not more than twelve credit hours.

A student previously unemployed who accepts employment subsequent to registration or at any time during a term is required to report that fact immediately to the Dean, in order that adjustments in schedule may be made, if necessary, to bring his program within the Faculty's limitations upon the amount of work to be carried by an employed student.

### ATTENDANCE

The student is held responsible for all the work of the courses in which he is registered, and all absences must be excused by the instructor in charge before provision is made for the student to make up the work missed.

### CLASSIFICATION OF STUDENTS

A student who has completed less than thirty credit hours in Columbian College, and who has registered his major at the Office of the Registrar, is classed as a *junior*. A student who has completed thirty credit hours in Columbian College, including at least one course in his major, is classed as a *senior*. A student who has satisfactorily completed the work for the Bachelor's degree, and whose program of study has been approved and filed in the Office of the Registrar, is classed as a *master in course*.



### INDEPENDENT STUDY PLAN

Under the independent study plan a student of demonstrated capacity, with special interest in the subject matter of a course, may be permitted to undertake independent study under the personal direction of an instructor, in accordance with the rules of the division in which the subject falls. Credit under this plan is limited to the specific course-credits as designated in the list of courses of instruction in the CATALOGUE.

### CORRESPONDENCE AND HOME-STUDY COURSES

No credit is given for work done by correspondence or in home-study courses.

### THE BACHELOR'S DEGREES

Upon the satisfactory completion of the undergraduate requirements of Columbian College, the degree of Bachelor of Arts or Bachelor of Science is conferred.

In cooperation with the School of Medicine a seven-year curriculum leading to the combined degrees of Bachelor of Arts and Doctor of Medicine is offered.

In cooperation with the Law School a six-year curriculum leading to the combined degrees of Bachelor of Arts and Bachelor of Laws is offered.

### REQUIREMENTS FOR THE DEGREES

#### SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 35 and 36.

In order to graduate, a student must have a general quality-point index of at least 2.00. In addition, he must have a quality-point index of at least 2.50 in his major subject. Grades in courses taken at other institutions are not considered in computing the quality-point index.

In computing the quality-point index in the major, all second-group and third-group courses in the major field taken at The George Washington University are included, even though minimum requirements for the major may have been exceeded. Grades received in first-group courses are not considered.

*Probation.*—A student must maintain a quality-point index of at least 2.00, or be placed on probation. A student remains on probation as long as his quality-point index is below 2.00, or until his probation is removed by the Committee on Scholarship.

*Suspension.*—A student who has a quality-point index below 1.00 or who is placed on probation for a third term, whether successive or after an interval, is suspended.

A student suspended for poor scholarship may apply for readmission after an interval of a calendar year. He must then submit evidence to the Committee on Admission and Advanced Standing that during his absence from the University he has so conducted himself as to indicate that he will profit by readmission. A student suspended twice for poor scholarship will not be readmitted.

For the purpose of these rules, the summer sessions are considered a term.

The foregoing scholarship rules are applied to a student with a limited schedule only when he has undertaken a minimum of fifteen credit hours.

*Use of Correct English.*—Any student whose English in any course whatever is deemed unsatisfactory may be reported by the instructor to the Dean and to the Committee on the Use of English. The Chairman of the Committee may assign supplementary work, without academic credit, varying in amount with the needs of the student. If the work prescribed is equivalent to a course, the regular tuition fee is charged. The granting of a degree may be delayed for failure to make up any such deficiency in English to the satisfaction of the Committee and the Dean.

#### CURRICULUM REQUIREMENTS

Every candidate for graduation must satisfy curriculum A-I or A-II, listed below, leading to the degree of Bachelor of Arts or Bachelor of Science. The curriculum requirements include at least sixty credit hours beyond the requirements of the Junior College, and the satisfactory completion of the major (see "The Undergraduate Major", pages 65 and 66). At least twenty-four credit hours must be taken in subjects not included in the major.\*

Except for students registered for the combined degrees of Bachelor of Arts and Doctor of Medicine, or Bachelor of Arts and Bachelor of Laws, not more than twelve credit hours of professional courses may be included in the one hundred and twenty credit hours required for the Bachelor's degrees in Columbian College. Columbian College students electing professional courses under this rule must obtain the approval, in advance, of the Dean of Columbian College.

After selecting a curriculum, a student may not change to another except by permission of the Dean and on condition that he fulfill the requirements of the curriculum to which he changes as of the date when the change is approved by the Dean.

\* Art, Bacteriology, Biochemistry, Biology, Botany, Chemistry, Classical Languages and Literatures, Economics, English, Geology, Germanic Languages and Literatures, History, Mathematics, Philosophy, Physics, Physiology, Political Science, Psychology, Romance Languages and Literatures, Sociology, Speech, Statistics, Zoology.

The freshman and sophomore years of each curriculum will be found in the announcement of the Junior College.

Each student is required to select and file with the Registrar a choice of major\* upon entering Columbian College. He may change the major only with the consent of the Dean and of the department or division concerned, and must meet the requirements for the major to which he changes as of the date when the change is approved by the Dean.

First-group courses may be required as prerequisites to undergraduate-major programs, but because of their introductory character may not be counted as part of such programs. (See "Explanation of Course Numbers".)

*Examinations for Waiving Curriculum Requirements.*—A student desiring to omit a required or prerequisite course may take such examination as the department prescribes, and, on passing satisfactorily, he may be relieved of the curriculum or prerequisite requirement in that subject and may qualify for registration in an advanced course. Passing of this examination shall not entitle him to any credit toward the degree. A student desiring to take such examinations should make written request of the Dean and pay the required fee at the Office of the Comptroller before the date of the examination specified in the University calendar.

### Bachelor of Arts

*A-I‡. Curriculum Leading to the Degree of Bachelor of Arts.*—The work of the junior and senior years, including a major, must be approved by the major department or division and by the Dean.

*Combined Degrees of Bachelor of Arts and Doctor of Medicine.*—A candidate for the combined degrees of Bachelor of Arts and Doctor of Medicine must: (1) complete the premedical college requirements (see page 14 and curriculum A-I or A-II on the table facing page 56); (2) fulfill the Columbian College residence requirement of at least thirty credit hours; (3) obtain the approval of the Dean of Columbian College at the time of entering the School of Medicine; (4) obtain the recommendation of the Dean of the School of Medicine at the completion of all prescribed courses in the first year of the School of Medicine, at which time the degree of Bachelor of Arts will be conferred (Professional work taken at another institution will not satisfy the major requirement for the combined degrees.); (5) maintain throughout the entire course the scholarship level required for graduation.

*Combined Degrees of Bachelor of Arts and Bachelor of Laws.*—A candidate for the combined degrees of Bachelor of Arts and Bachelor of Laws must: (1) complete three years of satisfactory college work; (2) fulfill the Columbian College residence requirement of at least thirty

\* See pages 65 and 66 for a description of the undergraduate major.

‡ See the table of the Junior College curricula facing page 56.



credit hours; (3) obtain the approval of the Dean of Columbian College at the time of entering the Law School; (4) obtain the recommendation of the Dean of the Law School at the completion of the first year of the Law School, at which time the degree of Bachelor of Arts will be conferred (Professional work taken at another institution will not satisfy the major requirement for the combined degrees.); (5) maintain throughout the entire course the scholarship level required for graduation.

#### Bachelor of Science

A-II.\* *Curriculum Leading to the Degree of Bachelor of Science.*—The work of the junior and senior years, including a major in one of the sciences mentioned below, must be approved by the major department or division and by the Dean.

##### *Biological Sciences*

Biology  
Botany  
Geology  
Zoology

##### *Physical Sciences*

Chemistry  
Mathematics  
Physics

#### THE UNDERGRADUATE MAJOR ‡

There are two types of undergraduate majors: the field-of-study major; and the departmental major.

##### THE FIELD-OF-STUDY MAJOR

Each field-of-study major covers a carefully worked out field of coordinated study and is under the supervision of the division or divisions concerned. The content of the major is defined in terms of related subject matter, not in terms of courses and hours of credit. The passing of a written examination in the field of the major is evidence that the requirements for the major have been satisfied.

The following majors are offered: (1) American Thought and Civilization, (2) Biology, (3) English Literature, (4) French Literature, (5) Hispanic American Civilization and Culture, (6) Hispanic American Economics, (7) History, (8) International Relations, (9) Philosophy, (10) Spanish American Literature, (11) Spanish Literature, (12) Statistics, (13) Zoology.

Of the field-of-study majors offered, two, those in International Relations and in Biology, extend broadly over the work of their respective divisions; and two, those in American Thought and Civilization and in Hispanic American Civilization and Culture, involve studies in two divisions, those of Languages and Literatures and of Social Studies. The other majors, with the exception of the major in Spanish American Liter-

\* See the table of the Junior College curricula, facing page 56.

‡ For a complete description of the undergraduate major, see the special bulletin.

ature, replace departmental majors in their respective fields (English, French, History, Philosophy, Spanish, Statistics, and Zoology). A candidate for a major in one of these fields must elect a field-of-study major.

#### Proseminar in the Major

For the convenience of the student a proseminar is offered in each field of study, under the supervision of the division in which the major is taken. This course, planned and administered by the professor or adviser of the major subject, will advise, guide, and instruct the student in his reading, study, and laboratory exercises in order to assist him in gaining a coordinated knowledge of his field. It is a presentation of the content and methods of the major field as a whole through the organization and coordination of the knowledge obtained in the various formal courses in the major subject and of material not usually included in such courses. This course is not required. Six credit hours, but no qualitative grade, may be assigned. When registered in this course, the student will have the privilege of visiting any other course offered in the college. Proseminars are open only to the student who has been accepted as a candidate under that specific major.

#### The Major Examination

The major examination will normally be taken by the student at the close of the senior year; in the case of the student on a limited schedule, the major examination may be taken not earlier than one calendar year before graduation. A student who fails to pass a major examination may, at the discretion of the Columbian College Committee on Studies, be re-examined at a later regular major-examination period. The educational committees of the respective divisions will have general supervision of the preparation, reading, and grading of major examinations. Major examinations will be held in each regular term on dates fixed by the respective educational committees, but in no case later than January 15 for the fall term, May 15 for the winter term, and August 7 for the summer term.

#### DEPARTMENTAL MAJORS

Until further notice departmental majors will be offered in the following: Art, Botany, Chemistry, Classical Languages and Literatures, Economics, Geology, Germanic Languages and Literatures, Mathematics, Physics, Political Science, Psychology, Sociology, and Speech.

Requirements for the major will be found under the courses of instruction of the department concerned immediately following the listing of the faculty of the department.

## THE MASTER'S DEGREES

Upon the satisfactory completion of the graduate requirements of Columbian College, the degree of Master of Arts or Master of Science is conferred.

### DEFINITION OF THE MASTER'S WORK

The study leading to the degree of Master of Arts or Master of Science is a comprehensive survey of a field of knowledge. It is a continuation of the work of the student's undergraduate major and involves a greater acquaintance with scholarly method.

The student must satisfy certain minimum requirements as to previous preparation, residence, ability to read an approved modern foreign (European) language, and courses taken; but these requirements, while essential, are regarded primarily as qualifying measures. The student's knowledge of his field, as demonstrated by his thesis and by the results of his Master's examination (together with such other examinations involving special skills or techniques as the department or division may require), is the basis upon which the Master's degree is conferred.

### REQUIREMENTS FOR THE DEGREES

#### RESIDENCE

An academic year of residence in Columbian College is required, i.e., completion of a minimum of thirty credit hours of work including the thesis, which is counted as the equivalent of six credit hours of course work. Summer term work may be counted in residence, but in no case may the period of residence aggregate less than twenty-seven weeks. Not more than twelve credit hours (which must be approved in advance by the Dean of Columbian College) may be taken in another school or division of this University, and such work may not be counted toward both a degree in that school or division and the Master's degree in Columbian College. No part of the minimum requirement may be taken elsewhere. All work for the degree of Master of Arts or Master of Science must be completed within a maximum of three years, unless the Dean's Council considers the circumstances so unusual as to justify an extension of time.

#### SCHOLARSHIP

A student whose scholarship is unsatisfactory may be suspended by the Dean upon recommendation of the division under which the student is working. Regarding the system of grading, see pages 35 and 36.

#### PROGRAM OF STUDIES

The student's program of studies must be outlined in detail at the beginning of his work, in triplicate on forms available at the Office of



the Dean. Each program is subject to the approval of the department and the division. The program may be revised as the occasion requires, but any change necessitates a repetition of the procedure just described.

Courses numbered from 1 to 100 may not be credited toward the Master's degrees, but may in certain instances be required as a basis for advanced work. (See "Explanation of Course Numbers".)

A student who expects to continue his studies for the degree of Doctor of Philosophy after receiving the Master's degree is strongly advised so to plan his program from the beginning that work for the lower degree may help to prepare him for the higher.

#### ADMISSION TO CANDIDACY

A student must be admitted to candidacy before he begins the last half of his work for the Master's degree. Application for admission to candidacy is made on a form obtained at the Office of the Registrar, and must be approved by the appropriate representative of the department or division and by the Dean. If a prospective candidate, in his previous academic work, has not substantially satisfied the prerequisites for the Master's degree, including the undergraduate major as defined by the appropriate department or division, he will not be admitted to candidacy until such deficiency has been made up. He may make up his deficiencies by electing appropriate courses in addition to those counted towards his degree.

Before being admitted to candidacy the student must also show that he has a reading knowledge (certified by the appropriate foreign-language department) of at least one modern foreign (European) language, selected by the division under which he is studying. A student whose field is a modern foreign language or literature may not offer that language in satisfaction of the reading-knowledge requirement. Examinations in modern foreign languages will ordinarily be given only on the dates specified in the University calendar. In exceptional circumstances the respective departments will arrange for examinations at other times.

#### THE MASTER'S THESIS

The thesis may be of a research, expository, critical, or creative type. The main purpose of a Master's thesis is to demonstrate the student's ability to make independent use of the information and training acquired through his other disciplines, and to furnish objective evidence of his constructive powers in his chosen field. Registration for the thesis must be no later than the beginning of the final year of preparation, unless the professor in charge of the thesis permits registration at the beginning of the final term. The choice of the thesis subject must be approved by the professor in charge of the student's field and recorded in the Office of the Registrar by the date announced in the University calendar. Regis-

tration for the thesis is ordinarily made on the basis of three credit hours for two successive terms. In exceptional cases, and with the approval of the professor in charge of the thesis, the student may register for the entire six credit hours during a single term. The typewritten thesis in its final form must have the approval of the professor in charge of the student's field and of the educational committee of the division concerned, and must be presented to the Dean by the student not later than the date announced in the University calendar. Requirements regarding the form of the thesis are stated on page 39, and additional information will be supplied by the Dean.

Payment of tuition for the thesis entitles the candidate, during the academic year of registration, to the advice and direction of the member of the faculty under whom the thesis is to be written. In case a thesis is unfinished, an additional successive academic year may be granted without further tuition payment. If the preparation of the thesis extends beyond the two-year period the student must register for it again, and pay tuition on the same basis as for a repeated course.

#### THE MASTER'S EXAMINATION

In addition to such other examinations as may be required, the candidate must pass a general written examination on the major subject. Examinations will be held on dates fixed by the respective educational committees, but in no case later than January 15 for the fall term, May 15 for the winter term, and August 7 for the summer term. The provisions of the field of study plan for undergraduate majors which concern the general examination for the major also apply to the Master's examination. A candidate who fails to pass the Master's examination may, in exceptional circumstances and with the specific approval of the division concerned, repeat the examination, but only after the lapse of one term. If he fails a second time, no further opportunity to take the examination will be permitted.

## THE GRADUATE COUNCIL

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Robert Whitney Bolwell, Ph.D., *Chairman of the Graduate Council*

### MEMBERS OF THE COUNCIL

Thomas Benjamin Brown, Ph.D., *Professor of Physics*  
Charles Sager Collier, A.B., LL.B., S.J.D., *Professor of Law*  
Henry Grattan Doyle, A.M., *Professor of Romance Languages*  
Robert Fiske Griggs, Ph.D., *Professor of Botany*  
John Donaldson, Ph.D., *Professor of Political Economy*  
Joseph Hiram Roe, Ph.D., *Professor of Biochemistry*  
Colin Mackenzie Mackall, Ph.D., *Professor of Chemistry*  
Edward Henry Sehrt, Ph.D., *Professor of German*  
Robert Whitney Bolwell, Ph.D., *Professor of American Literature*  
William Cullen French, Ph.D., *Professor of Education*  
James Henry Taylor, Ph.D., *Professor of Mathematics*  
Errett Cyril Albritton, A.B., M.D., *Professor of Physiology*  
Elmer Louis Kayser, Ph.D., *Professor of European History*  
Donnell Brooks Young, Ph.D., *Professor of Zoology*  
George Antony Gamow, Physics D., *Professor of Theoretical Physics*  
\*Edward Teller, Ph.D., *Professor of Physics*  
Frank Mark Weida, Ph.D., *Professor of Statistics*  
Warren Reed West, Ph.D., *Professor of Political Science*  
Lowell Ragatz, Ph.D., *Professor of European History*  
Francis Edgar Johnston, Ph.D., *Professor of Mathematics*  
\*Benjamin Douglass Van Evera, Ph.D., *Professor of Chemistry*  
William Crane Johnstone, Jr., Ph.D., *Professor of Political Science*  
\*Mitchell Drees, Ph.D., *Professor of Educational Psychology*  
Leland Wilbur Parr, Ph.D., *Professor of Bacteriology*  
Saul Chesterfield Oppenheim, A.M., J.D., S.J.D., *Professor of Law*  
Alva Curtis Wilgus, Ph.D., *Professor of Hispanic American History*  
\*Wood Gray, Ph.D., *Professor of American History*  
\*John Withrow Brewer, Ph.D., *Professor of International Law*  
\*Ralph Edward Gibson, Ph.D., *Adjunct Professor of Chemistry*  
‡Joseph Quincy Adams, Ph.D., Litt.D., *Adjunct Professor of English*  
‡William Webster Diehl, Ph.D., *Adjunct Professor of Mycology*  
Arthur Edward Burns, Ph.D., *Adjunct Professor of Economics*  
Chester Elwood Leese, Ph.D., *Associate Professor of Physiology*

\* On war leave 1945-46.

‡ On leave of absence 1945-46.



- \*Raymond John Seeger, Ph.D., *Associate Professor of Physics*
- \*Howard Maxwell Merriman, Ph.D., *Associate Professor of American Diplomatic History*
- \*George Winchester Stone, Jr., Ph.D., *Associate Professor of English*
- Donald Stevenson Watson, Ph.D., *Associate Professor of Economics*
- Fred Salisbury Tupper, Ph.D., *Associate Professor of English*
- Angus MacIvor Griffin, Ph.D., *Associate Professor of Bacteriology*
- \*Steuart Henderson Britt, Ph.D., *Assistant Professor of Psychology*

#### CONSULTANTS IN RESEARCH

- Gerhard Colm, Dr. rer. pol., *Research Associate in Economics*
- Paul Simon Galtsoff, Ph.D., *Research Associate in Invertebrate Zoology*
- Willard Hull Wright, D.V.M., Ph.D., *Research Associate in Parasitology*

### GENERAL INFORMATION

#### INTRODUCTORY

The Graduate Council, a reorganization of the Graduate School of Letters and Sciences which had heretofore administered the disciplines leading to the Master of Arts and Doctor of Philosophy degrees, was instituted in 1930. Since then the Graduate Council has offered a program of advanced study and research leading only to the degree of Doctor of Philosophy.

The purpose of the Graduate Council of The George Washington University is to create a Fellowship between the Masters in Research in the various fields and their students, and through this fellowship to foster a creative spirit in the graduate studies leading to the degree of Doctor of Philosophy. The basic conception of this degree is the attainment of a mastery of related fields of knowledge, achieved without regard to specific courses of instruction and culminating, through original research, in a contribution to knowledge.

#### APPLICATION TO UNDERTAKE DOCTORATE DISCIPLINES

A student wishing to undertake work under the Graduate Council must possess an adequate academic preparation for advanced study in the proposed field, as evidenced by satisfactory Bachelor's and Master's degrees, or the equivalent, together with acceptable personal qualities and capacity for creative work.

It is desirable that the applicant have a preliminary personal interview with the Chairman of the Graduate Council who will appoint a consultative committee (usually composed of five members), which will evaluate the records submitted and interview the applicant. The ap-

\* On war leave 1945-46.

plicant will also meet the personnel committee of the Graduate Council. When the recommendations of the consultative and personnel committees have been presented, the Graduate Council will act upon the application for candidacy for Fellowship in the Graduate Council.

#### CANDIDACY FOR COUNCIL FELLOWSHIP EXAMINATION

If accepted, the candidate must demonstrate his ability to read both French and German, one of which must be presented at the time of admission, and he must satisfy all other prerequisites for advanced study specified by the consultative committee. The necessary examinations will be arranged by the Chairman of the Graduate Council.

The consultative committee will, after conference with the candidate, designate a program of study in the several fields of learning on which the candidate must stand examination as a part of the requirements for admission to Fellowship in the Graduate Council. Ordinarily courses of instruction are assigned by the consultative committee only to make up deficiencies.

The candidate will be directed by his consultative committee throughout the entire period of preparation for this Council Fellowship examination.

#### THE COUNCIL FELLOWSHIP EXAMINATION

Upon application of the consultative committee the Chairman of the Graduate Council will set a date for the Council Fellowship examination and appoint an examining committee, composed of the members of the consultative committee and at least two other members of the Graduate Council. The Council Fellowship examination will be a written examination, conducted during a period of one week. The candidate, in consultation with the Chairman of the Graduate Council, will have designated the Master with whom he wishes to undertake research if admitted as a Fellow. If he is successful in the Council Fellowship examination and is accepted by the Master, the candidate will be nominated to the Graduate Council for election as a Fellow.

#### FELLOWSHIP IN THE GRADUATE COUNCIL

When a student has been admitted as a Fellow of the Graduate Council, his consultative committee will be discharged and he will become responsible to his Master alone for the development of his field, the selection of a thesis subject, and the preparation of his thesis. He will be formally inducted into Fellowship, which carries with it the privilege of membership in the Graduate Council, including participation in its general meetings, and unrestricted use of all the academic facilities of the University. The Master may refer the Fellow to other institutions for special study, under arrangements made by the Council.

### THE THESIS

Not later than the date specified in the University calendar the Fellow must submit to the Chairman of the Graduate Council one typewritten original and two legible and complete carbon copies of his thesis (including a summary of from 2500 to 3500 words) in its final form. Requirements regarding the form of the thesis are stated on page 39, and additional information will be supplied by the Chairman.

An additional copy of the summary must also be submitted for publication in a volume forming an issue of the University *BULLETIN*. The successful candidate for the doctorate is required, before receiving his degree, to pay a fee to cover the expense of printing the summary of his thesis.

### THE FINAL EXAMINATION

After the presentation of the Fellow's thesis, which must be accompanied by the written approval of the Master in Research, the Chairman of the Council, upon application of the Master, will set the date of the final examination and appoint the final examination committee. The examiners will include at least five members of the Graduate Council other than the Master, and at least two qualified experts in the Fellow's special field from other institutions of research. The Master will present the Fellow to the examining committee. In this final examination, which will be oral, the Fellow will defend his thesis in relation to the field of learning in which it lies. The examination will be public.

### THE DEGREE OF DOCTOR OF PHILOSOPHY

If the Fellow satisfies this committee in respect to the high quality of his contribution to knowledge and his mastery of the field, he will be recommended by the committee to the Graduate Council and, if approved, nominated by the Council to the Board of Trustees of the University for the degree of Doctor of Philosophy.

### TEACHING FELLOWSHIPS

Teaching fellowships are available in the departments of Bacteriology, Biochemistry, Botany, Chemistry, Economics, English, History, Physics, Psychology, Romance Languages, and Statistics. An announcement regarding qualifications and application for these fellowships will be sent upon request to the Chairman of the Graduate Council.

### REGULATIONS

*Candidates and Fellows in the Graduate Council are subject to, and are expected to familiarize themselves with, the regulations regarding ADMISSION, REGISTRATION, FEES AND FINANCES stated on pages 10-23, and the University regulations stated on pages 35-40.*



**RESIDENCE AND CONTINUOUS REGISTRATION**

The Graduate Council expects all students to work on their doctoral programs in residence, although there is no formal regulation concerning the amount of time of resident study either in preparation for the Council Fellowship examination or as a Fellow of the Council engaged in doctoral research. The student who undertakes either part of the doctoral program on full or limited schedule must, in accordance with University regulations, maintain continuous registration under the Graduate Council even when the Council has granted a leave of absence for study or residence elsewhere. Failure to maintain registration in each term of the academic year disrupts the residence status of the student under his consultative committee or his Master in Research. In such a case, the student must reapply for admission to the Council, under whatever new conditions and regulations are set up by his consultative committee or by his Master in Research.

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A pamphlet describing details of the Graduate Council program will be sent upon request to the Office of the Graduate Council.

# THE SCHOOL OF MEDICINE

## THE FACULTY

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Walter Andrew Bloedorn, A.M., M.D., *Dean of the School of Medicine*

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Joseph Hiram Roe, Ph.D., *Professor of Biochemistry*  
Walter Freeman, Ph.D., M.D., *Professor of Neurology*  
Walter Andrew Bloedorn, A.M., M.D., *Professor of Medicine*  
Charles Stanley White, M.D., *Professor of Surgery*  
Errett Cyril Albritton, A.B., M.D., *Professor of Physiology*  
Roger Morrison Choisser, B.S., M.D., *Professor of Pathology*  
Winfred Overholser, A.B., M.D., Sc.D., *Professor of Psychiatry*  
Leland Wilbur Parr, Ph.D., *Professor of Bacteriology*  
Frederick August Reuter, M.D., *Professor of Urology*  
Harry Ford Anderson, M.D., *Professor of Dermatology and Syphilology*  
Claude Matthews McFall, LL.B., Ph.D., *Professor of Anatomy*  
Daniel Bruce Moffett, A.B., M.D., *Professor of Oto-rhino-laryngology*  
James Emory Phillips, M.D., *Lieutenant Colonel, Medical Corps, United States Army, Professor of Military Science and Tactics*  
John Louis Parks, M.S., M.D., *Professor of Obstetrics and Gynecology*  
Preston Alexander McLendon, B.S., M.D., *Professor of Pediatrics*  
Ernest Alfred Watson Sheppard, M.D.C.M., *Professor of Ophthalmology*  
\*Howard Francis Kane, A.B., M.D., *Clinical Professor of Obstetrics and Gynecology*  
Radford Brown, M.D., *Clinical Professor of Obstetrics and Gynecology*  
Thomas Carlton Thompson, B.S., M.D., *Clinical Professor of Urology*  
Daniel LeRay Borden, A.M., M.D., *Clinical Professor of Surgery*  
James Winston Watts, B.S., M.D., *Clinical Professor of Neurosurgery*  
Chester Elwood Leese, Ph.D., *Associate Professor of Physiology*  
Thomas Martin Peery, A.B., M.D., *Associate Professor of Pathology*  
Angus MacIvor Griffin, Ph.D., *Associate Professor of Bacteriology*  
Frank Adelbert Hornaday, M.S., M.D., *Associate Clinical Professor of Medicine*  
Leo Schmelzer, *Superintendent of the University Hospital*

\* On war leave 1945-46.

## COMMITTEES\*

## THE DEAN'S COUNCIL

Winfred Overholser

Charles Stanley White

Joseph Hiram Roe

## COMMITTEE ON ADMINISTRATION OF THE UNIVERSITY HOSPITAL AND DISPENSARY

Walter Andrew Bloedorn, *Chairman*

John Louis Parks

Charles Stanley White

Leo Schmelzer

## COMMITTEE ON ADMISSIONS

Joseph Hiram Roe, *Chairman*

Leland Wilbur Parr

## COMMITTEE ON CURRICULUM

Roger Morrison Choisser, *Chairman*

Leland Wilbur Parr

Harry Filmore Dowling

## COMMITTEE ON GRADUATE STUDIES

Errett Cyril Albritton, *Chairman*

Walter Freeman

Ira Rockwood Telford

## COMMITTEE ON POST-WAR PROGRAM

John Louis Parks, *Chairman*

Clayton Bernard Ethridge

Thomas Martin Peery

Donald Harrison Stubbs

Joseph Hiram Roe

Leland Wilbur Parr

## COMMITTEE ON LIBRARY

Chester Elwood Leese, *Chairman*

Thomas Martin Peery

Harry Ford Anderson

## COMMITTEE ON RESEARCH

Roger Morrison Choisser, *Chairman*

Angus MacIvor Griffin

Ira Rockwood Telford

Harry Filmore Dowling

## COMMITTEE ON SCHOLARSHIP

Leland Wilbur Parr, *Chairman*

Joseph Hiram Roe

John Louis Parks

Chester Elwood Leese

\* The President of the University and the Dean of the School of Medicine are members ex officio of all committees.



### HOSPITAL STAFF APPOINTMENTS

Members of the staff assigned to the University Hospital and Dispensary and those assigned to the Gallinger Hospital Service are listed in the bulletin of the School of Medicine.

### GENERAL INFORMATION

#### INTRODUCTORY

The School of Medicine of The George Washington University was opened in March 1825; of the medical schools now in existence in the United States, it is the eleventh in chronological order of founding. The University Hospital and Dispensary were established in 1898 and made a part of the organization of the School.

The School is a member of the Association of American Medical Colleges and is one of the medical colleges which have been designated continuously as "class A" by the American Medical Association. The degrees of the School of Medicine are recognized by all state examining boards.

#### PLAN OF INSTRUCTION

The George Washington University School of Medicine, recognizing the urgent need for medical services during the war period, has reorganized its course to permit the completion of the customary four academic years in three calendar years. Each academic year will be composed of two terms totaling thirty-six weeks. A new class will be admitted once a calendar year. In approving the plan adopted by the Faculty of the School of Medicine, the Board of Trustees authorized its continuance for the duration of the war.

#### EQUIPMENT AND FACILITIES

*Medical School Building.*—The building housing the School of Medicine is a five-story structure with lecture rooms and classrooms, laboratories, and students' rooms.

*Laboratories.*—A four-story laboratory building is adjacent to the main medical building. The major laboratories are for anatomy, histology and embryology, bacteriology, hygiene and preventive medicine, biochemistry, pathology, pharmacology and physiology, and clinical microscopy. They are fully equipped to enable students to pursue adequately the laboratory courses and to acquire the technical skill necessary in modern clinical and investigative work.

*Medical Library.*—The Library contains a selected reference collection of more than 5,000 volumes, and provision is made to add to it the important new medical works. The principal medical periodicals are received regularly.

*The University Hospital and the University Dispensary.*—The Hospital and Dispensary are adjacent to the School of Medicine and are controlled by the Faculty of Medicine.

#### GOVERNMENT LIBRARIES AND MUSEUMS

The Library of the Surgeon General's Office of the United States Army is the most complete general medical library in the world. In addition to its great collections of medical works, all leading medical periodicals of the world are available. This Library, as well as the Library of Congress, the Public Library, and the many excellent libraries of the various government departments, is available to students and teachers through a service maintained by the Medical School Library.

The Army Medical Museum affords opportunity for studying the conditions met in military and general medicine and surgery. Its collection of anatomical and pathological specimens is unequaled by any other museum in this country. The museum of Hygiene, the National Museum, the Smithsonian Institution, the Botanic Gardens, and the Department of Agriculture all afford opportunities for study in Medicine and its allied sciences.

#### CLINICS

The city of Washington, with about a million inhabitants, provides ample clinical material. The University Hospital and Dispensary furnish clinical facilities and a large proportion of the materials studied in the courses in pathology and clinical pathology.

*The University Hospital.*—All clinics are under the supervision of the Dean, who is also Medical Director of the Hospital. This insures the highest possible utilization of available clinical material for teaching purposes and the proper supervision of clinicians and students; it brings the individual student into direct contact with patients and requires him to do, under authoritative supervision, the clinical and laboratory work necessary for diagnosis and treatment; and it permits proper interpretation of the conditions occurring during the progress of cases and promotes the keeping of adequate records. Clinical and clinico-pathological conferences are held in which the history of cases, the physical findings, laboratory records, and the post-mortem pathology when available, are presented and correlated.

*The University Dispensary.*—The Dispensary has a large out-patient service in all departments, to which several thousand visits are made annually. Fourth-year students are assigned in rotation by sections for clinical instruction in the Dispensary.

*Gallinger Municipal Hospital.*—Clinical instruction is available in all branches of medicine. A great wealth of clinical material is afforded in this hospital by ordinance of the municipal authorities of the District

of Columbia, whereby one-half of the patients are assigned for treatment and clinical teaching to members of the Faculty of this School, nominated by this University. Third-year students serve their clinical clerkships at this institution.

*Children's Hospital.*—Clinical instruction in pediatrics, dermatology, and orthopedic surgery.

*Emergency Hospital and Central Dispensary.*—Clinical instruction in medicine, surgery, obstetrics and gynecology, and the specialties.

*Garfield Memorial Hospital.*—Clinical instruction in gynecology and obstetrics in the out-patient department, on the wards, and in the operating room.

*St. Elizabeths Hospital.*—Clinical instruction in mental and nervous diseases, medicine, post-mortem work, and gross pathology. This hospital, with five and one-half thousand beds, is maintained by the United States Government. The psychiatric clinic is one of the largest in the world.

*Episcopal Eye, Ear and Throat Hospital.*—Clinical instruction in ophthalmology, otology, rhinology, and laryngology.

*Columbia Hospital.*—Clinical instruction in gynecology and obstetrics in the out-patient department, on the wards, and in the operating room.

#### ADMISSION, REGISTRATION, FEES AND FINANCIAL REGULATIONS

*Students in the School of Medicine are subject to, and are expected to familiarize themselves with, the regulations stated on pages 10-23.*

Registration in the School of Medicine is for a period of one academic year of two terms. After the student has entered the courses of instruction he is obligated for the full tuition for the year. No part of the tuition will be refunded upon withdrawal or dismissal for any cause. Acceptance by the School of a student's fees does not in any way obligate the School to accept the student for any subsequent year.

A fee of \$3 to defray the costs of completing the records for final consideration for admission must accompany each application. Fees for each term (including the University fee) are \$275, payable in advance.

Because the number of applicants far exceeds the limit of each class, places can be reserved for only those qualified applicants who remit a deposit of \$100 which will be credited toward the tuition of the first term. Should the matriculant be unable to attend, this initial payment, less a charge of \$50 for registration, transfer, etc., will be returned up to one month before the opening of the term.

Credit for work will not be given until, at the completion of a laboratory course, the student has replaced or paid for all articles of equipment or other University property which he has lost, broken, or destroyed. All breakage or loss not directly traceable to an individual student is assessed pro rata.



**COST OF TEXTBOOKS AND STUDENT EQUIPMENT**

The minimum cost of necessary textbooks and student equipment (microscope, drawing materials, glass slides, clinical thermometer, stethoscope, hemocytometer, etc.) is approximately as follows: first year, \$250; second year, \$100; third year, \$75; fourth year, \$75; total \$500.

A fee of \$1 a term is charged for the use (optional) of a locker.

**REGULATIONS**

*Students in the School of Medicine are subject to, and are expected to familiarize themselves with, the general University regulations stated on pages 35-40.*

**ABSENCE**

Absence is not allowed unless an excuse is obtained from the Dean or the instructor.

Absence consists in being away from a class or clinic during a scheduled period, entering after the class or clinic has begun, or leaving before either is dismissed.

Excuse for absence due to sickness must be accompanied by a certificate signed by the attending physician and must be filed in the Office of the Dean.

For every unexcused absence a department will deduct one-half of one per cent from the student's final grade in the subject involved.

**GRADES**

The following grading system is used: *A* (90-100); *B* (80-89); *C* (75-79); *D* (65-74) condition; *E* (below 64) failure; *Inc.*, incomplete. The passing grade in each subject is *C*.

**FAILURE**

A student who has failed in any subject will not be advanced until such failure is removed and then only by authority of the Committee on Scholarship. All conditions must be removed at the next make-up examination period provided for this purpose.

**EXAMINATIONS**

Examinations, which may be written, oral, or practical, will be held at the end of each term.

A student who fails to appear at a regularly scheduled final examination will not be examined until the next regular examination, except by special permission of the Committee on Scholarship. For make-up examinations to remove conditions, a fee of \$5 will be charged for each subject.

All students in the School of Medicine are required to take Part I and Part II of the National Board Examinations, except that students

from those states and foreign countries which do not recognize the National Board may be exempted from Part II by action of the Committee on Scholarship.

### SPECIAL UNDERGRADUATE AND GRADUATE ADVANTAGES

#### PHYSICAL EXAMINATIONS\*

All first-year students are given a comprehensive physical examination by the Department of Health Administration upon admission to the School of Medicine. The students are informed of the findings and advised regarding such measures as will tend to maintain a high standard of health.

In addition medical students benefit from the complete Tuberculosis Case Finding Program which the School has maintained since 1938-39. Under this program all students receive tuberculin tests, X-ray examinations, and such special attention from chest specialists as is necessary to reduce to a minimum the dangers from tuberculosis to which medical students are believed to be subject. Students are immunized against those diseases for which proven prophylactics exist.

#### RESERVE OFFICERS' TRAINING CORPS, U. S. ARMY, MEDICAL UNIT

A Medical Unit of the Reserve Officers' Training Corps is established in this School by authority of the Secretary of War, and an officer of the Medical Corps of the Army is detailed to the University for supervision and instruction of the unit.

Membership in the Unit, which is voluntary, is open to any physically fit male student who is a citizen of the United States. The instruction is divided into two two-year courses, the basic and the advanced. Students who satisfactorily complete the basic course may, up to the quota allowed by the War Department, enter the advanced course. A student who enters the advanced course receives approximately \$200 from the Government. He is obligated to complete the course.

A student who successfully completes the course is recommended for a commission in the Medical Section, Officers' Reserve Corps, if he desires appointment. A graduate may, after completion of one year's internship in a civil hospital, compete in the examinations held yearly for appointment as first lieutenant in the Medical Corps, Regular Army.

#### HOSPITAL APPOINTMENTS

Interns and residents are appointed annually in the University Hospital. Students who, after graduation, desire internships in other hospitals should apply directly to the institution which they wish to enter. A list

\* A charge of \$5 is made if a student fails to appear for a physical examination during the period set for this purpose.

of hospitals approved for intern training is published annually in the *Journal of the American Medical Association*, and a copy of the list may be consulted in the Office of the Dean.

#### COMMISSION ON LICENSURE, DISTRICT OF COLUMBIA

Graduates who wish to take the examinations of the Commission on Licensure, District of Columbia, or desire to use the District license for reciprocity with the states, should apply to the Secretary, Commission on Licensure, Healing Arts Practice Act, District Building, Washington 1, D. C.

#### DEPARTMENTS OF INSTRUCTION

The work of the School is organized under the following departments: Anatomy; Bacteriology, Hygiene, and Preventive Medicine; Biochemistry; Dermatology and Syphilology; Medicine; Military Science and Tactics; Neurology; Obstetrics and Gynecology; Ophthalmology; Otorhino-laryngology; Pathology; Pediatrics; Pharmacology and Therapeutics; Physiology; Psychiatry; Surgery; and Urology.

#### CLINICS

Courses of clinical instruction are included in the announcements of the clinical departments. The Dean prepares schedules of clinics and of student section assignments to the various hospitals and dispensaries.

#### THE DEGREE OF DOCTOR OF MEDICINE

Upon the satisfactory completion of the requirements of the School of Medicine, the degree of Doctor of Medicine is conferred.

#### REQUIREMENTS FOR THE DEGREE

Every candidate for graduation with the degree of Doctor of Medicine must be at least twenty-one years of age, of reputable character, and free of all indebtedness to the University. He must have satisfied the admission requirements, completed satisfactorily not less than four academic years of study as a matriculated student in Medicine, completed all required courses, and passed satisfactorily all prescribed examinations.

#### COMBINED ARTS AND MEDICINE CURRICULUM

In order to be recommended for the degree of Bachelor of Arts, the candidate must complete at least ninety credit hours of prescribed college work (at least thirty credit hours and one year of residence must be completed in Columbian College, the senior liberal arts college), and the



first year of the medical curriculum. Upon satisfactory completion of the fourth year of the medical curriculum the student becomes eligible for the degree of Doctor of Medicine.

#### HONORS

A candidate who has completed the four-year medical course with an average grade of *A* may be recommended for graduation "with distinction".

## THE LAW SCHOOL

### THE FACULTY AND STAFF OF INSTRUCTION§

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*

William Cabell Van Vleck, A.B., LL.B., S.J.D., *Dean of the Law School*

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William Cabell Van Vleck, A.B., LL.B., S.J.D., *Professor of Law*  
Charles Sager Collier, A.B., LL.B., S.J.D., *Professor of Law*  
Hector Galloway Spaulding, B.S., LL.B., S.J.D., *Professor of Law*  
\*William Thomas Fryer, A.B., LL.B., J.D., *Professor of Law*  
Saul Chesterfield Oppenheim, A.M., J.D., S.J.D., *Professor of Law*  
\*Carville Dickinson Benson, A.B., LL.B., S.J.D., *Professor of Law*  
\*James Forrester Davison, A.B., LL.M., S.J.D., *Professor of Law*  
Loyd Hall Sutton, B.S., LL.B., *Adjunct Professor of Law*  
Spencer Gordon, A.B., LL.B., *Adjunct Professor of Law*  
Conway Peyton Coe, A.B., LL.B., *Adjunct Professor of Law*  
Levi Russell Alden, A.M., LL.B., *Adjunct Professor of Law*  
George Bowdoin Craighill, A.B., LL.B., *Adjunct Professor of Law*  
James Ward Morris, A.B., *Adjunct Professor of Law*  
James Oliver Murdock, Ph.B., LL.B., *Adjunct Professor of Law*  
Thomas Armitage Larremore, A.M., LL.B., M.S. in Mus., *Visiting Professor of Law*  
\*John Albert McIntire, A.B., LL.B., *Associate Professor of Law*  
\*William Randall Compton, M.B.A., LL.B., J.S.D., *Associate Professor of Law*  
\*Chester Charles Ward, B.S., LL.M., *Associate Professor of Law*  
‡Clarence Altha Miller, LL.M., *Lecturer in Law*  
James Robert Kirkland, A.B., LL.M., *Lecturer in Law*  
\*James Albert Pike, A.B., LL.B., J.S.D., *Lecturer in Law*  
William Leigh Ellis, A.B., LL.M., *Lecturer in Law*  
Justin Lincoln Edgerton, A.B., LL.B., *Lecturer in Law; Clerk of the Moot Court*

### THE DEAN'S COUNCIL¶

Charles Sager Collier

Saul Chesterfield Oppenheim

Hector Galloway Spaulding

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\* On war leave 1945-46.

‡ On leave of absence.

§ The President of the University, the Dean of the School, the Registrar of the University, the Director of Admissions of the University, Professors, Adjunct Professors, and Associate Professors constitute the Faculty.

¶ The President of the University and the Dean of the Law School are ex officio members of the council.

## GENERAL INFORMATION

## INTRODUCTORY

The George Washington University Law School, established in 1826, discontinued and reorganized in 1865, is the oldest law school in the District of Columbia. Its course of instruction is planned to fit its graduates for the practice of law in any of the states of the United States or in foreign countries, the law of which is based on the Anglo-American legal system. It is also designed to prepare students for public service as lawyers in the Federal Government or the governments of the states. In 1900 the School took part in the organization of the Association of American Law Schools and it has been a member of the Association since that time. The School is approved by the Council of Legal Education of the American Bar Association.

## ORGANIZATION OF THE ACADEMIC YEAR

The work of the year is organized into three terms known as the fall term, winter term, and summer term. The work undertaken in any one term may be completed by the end of that term. The summer term constitutes a full term of sixteen weeks. It is divided into two sessions so that work undertaken during one session may be completed during that session.

## THE LIBRARY

The Law School Library of 25,000 volumes contains the official reports of the decisions of the courts of last resort of all the states prior to the National Reporter System and of fourteen states complete to date; the National Reporter System, complete; the reports of the United States Supreme Court and lower federal courts, and the reports of federal administrative agencies; Shepard's Citations for the units of the Reporter System; the English Reprint and English Law Reports; the United States Statutes; the United States Code, Annotated, and the Federal Code, Annotated; reasonably complete sets of statutes of all of the states; the English statutes; the principal English and American digests and encyclopedias; collections of special reports and annotated cases; and the leading textbooks, casebooks, and legal periodicals.

The Library is open from 9:00 A.M. to 10:00 P.M. each class day (Saturday, 9:00 A.M. to 1:00 P.M.), and from 2:00 to 6:00 P.M. on Sunday.

## THE LAW REVIEW

The *George Washington Law Review*, published by the University, is edited by the Faculty and students of the Law School. It is devoted exclusively to state and federal public law. The location of the Univer-



sity in the National Capital, where the primary sources of federal public law may be observed in operation, affords an unexcelled opportunity for specialization in this field.

The *Review* is edited by a faculty editor-in-chief, a faculty board of associate editors, a board of departmental advisory editors, and a board of student editors. The student editors are chosen each year on the basis of scholarship.

#### RESEARCH IN PUBLIC LAW

Washington, the capital of the Nation, furnishes unsurpassed advantages for research in the fields of public law. In it are the offices of the major executive departments, the Congress, the Supreme Court of the United States, and four lower federal courts. In the executive departments and among the many independent establishments of the Federal Government there have been estimated to be between seventy-five and one hundred agencies, the activities of which involve the various branches of public law, particularly administrative law. The student of public law can study at first hand the work of these administrative agencies. He also has available as sources for investigation their records of administrative adjudications.

Research in public law will be conducted under the supervision of members of the faculty. The purpose of this research is to furnish means for training specialists in public law, either as government lawyers or as lawyers representing individuals or corporations in cases in which the Government is a party, and to assist in the analysis, clarification, formulation, and improvement of public law, substantive and procedural.

Candidates for the graduate degrees in the Law School and seniors who are candidates for the degree of Juris Doctor are eligible to pursue this work. Other students may be admitted with the special permission of the professor in charge.

#### THE STUDENT BAR ASSOCIATION

Every student in the Law School is required to be a member of the Student Bar Association. This is organized to enable the student to become better acquainted with problems of the profession, to develop better professional ideals, and to bring about closer contact with members of the profession engaged in active practice of the law.

The work of the Student Bar Association is carried on by various committees and by group and general meetings of a professional and social nature. From time to time lectures are given by outstanding authorities on legal and professional problems.

Each member of the Student Bar Association receives a subscription to *The George Washington Law Review*.

## PRACTICE AND PRACTICE COURT

The curriculum is planned to include such training in the fundamentals of practice as is feasible in a law school. Classroom instruction is conducted in the theories of pleading and procedure, trial and appellate practice, and evidence. This instruction includes grounding in the principles of the new Federal Rules of Civil Procedure. In addition each senior student is required to participate in the work of the practice or Moot Court. This includes trying a specified number of cases, both as a senior counsel and junior counsel. For students who are planning to practice patent law, a special section of the court is conducted devoted exclusively to the trial of patent cases.

## ORDER OF THE COIF

The Order of the Coif, a national honor society with chapters in thirty-five law schools, aims "to foster a spirit of careful study and to mark in a fitting manner those who have attained a high grade of scholarship". The George Washington University Chapter was established in 1926. Members are elected each year from the highest-ranking 10 per cent of the graduating class of the Law School.

## REGULATIONS

*Students in the Law School are subject to, and are expected to familiarize themselves with, the regulations concerning ADMISSION, REGISTRATION, FEES AND FINANCES stated on pages 10-23, and the University regulations stated on pages 35-40.*

## HOURS OF INSTRUCTION

Students without substantial outside employment may take a full-time program of studies of eight hours a week in the forenoon classes from 10:10 A.M. to 12:00 M. four days a week, and six hours a week in the evening classes from 6:20 to 8:00 P. M. three evenings a week.

Primarily for the accommodation of employed students, a regular course may be taken in classes held from 6:20 to 8:00 P.M.

## ATTENDANCE

Regular attendance on classes is required and is necessary for successful work. A student who is deficient in class attendance in any subject may, by action of the Dean's Council, be barred from taking the examination in that subject.

## RESIDENCE REQUIREMENTS

A year's attendance in the evening classes is counted as residence for three-fourths of a year. A student admitted with advanced standing

must complete at least one year of residence in this School and pass twenty-eight credit hours with the required average for the degree.

#### GRADES

At the end of each term each student is given a letter grade in each subject completed and a letter grade indicating the average for the term.

Grades are indicated by the letters *A*, excellent; *B*, good; *C*, satisfactory; *D*, poor—below standard for graduation; and *F*, failed.

The grades *A*, *B*, *C*, and *D*, mean that the work has been successfully completed and credit given for the subjects.

*F*, failed, means that no credit will be given. To obtain credit the student must repeat the subject; but a student who has obtained an average of *C* in the work of the academic year and received a grade of *F* in only one subject may take the next regular examination in that subject, and if on such reexamination he obtains a passing grade he will be given credit in the subject.

#### EXAMINATIONS

Every student is required to take the regular examinations in the subjects pursued, unless excused by the Dean. A student who, with the consent of the Dean, does not take the examination in a subject with the class in which he is enrolled may take the next regular examination given in the subject.

No special examinations will be given; except that, upon written application to the Dean's Council, showing sufficient cause, a candidate for a degree at a convocation before the next regular examination, if he would be entitled to take a postponed examination, may, at the discretion of the Dean's Council, be given a special examination.

#### EXCLUSION AND PROBATION FOR POOR SCHOLARSHIP

A student who during an academic year fails in courses aggregating eight or more credit hours will be excluded. Such a student is not eligible to be registered in the Law School or to attend classes in the next academic year. He may, however, be admitted to the regular examinations in that academic year in those subjects in which he has made a grade below passing, and if he receives a grade of passing in these subjects with an average sufficient to make his general average not less than *C*, he will be reinstated at the beginning of the academic year next succeeding the passing of these examinations.

A student not subject to exclusion under the foregoing rule who at the end of an academic year has failed to maintain a general average of at least *C*, will be on probation during the next academic year. A student on probation may at the discretion of the Dean be required to reduce his program of study. A student on probation will be excluded at the end of



the probationary year unless he has made grades sufficient to give him a general average of at least *C*.

The general average of a student includes all the grades in all the subjects taken while he is in the Law School working for a particular degree. When a subject is repeated or a reexamination is taken, both the first grade and the subsequent grade or grades are counted in the general average.

In special cases in which it is clear that the student's failure does not indicate lack of ability to pursue the study of law, the student who has become subject to exclusion may be readmitted by vote of the Dean's Council of the Law School.

No student is put on probation or excluded because of the work of one term only, or as the result of a program of less than four hours a week during the academic year.

#### CLASSIFICATION OF STUDENTS

Students are divided into classes on the completion of credit hours as follows: first year, one through twenty-eight; second year, twenty-nine through fifty-six; third year, fifty-seven or more.

#### THE DEGREES

##### IN THE PROFESSIONAL COURSE

These degrees are Bachelor of Laws (LL.B.) and Juris Doctor (J.D.).

##### REQUIREMENTS FOR THE DEGREE OF BACHELOR OF LAWS

To be recommended for this degree the student must have completed: (1) a residence period of not less than three academic years on a full-time basis or four years on a part-time basis; (2) eighty credit hours, including the course in Moot Court, with a general average of at least *C*.

*Combined Degrees of Bachelor of Arts and Bachelor of Laws.*—A candidate for the combined degrees of Bachelor of Arts and Bachelor of Laws must: (1) complete three years of satisfactory college work; (2) fulfill the residence requirement of at least thirty credit hours of Columbian College, the School of Government, or the School of Education; (3) obtain the approval of the Dean of the college concerned at the time of entering the Law School; (4) obtain the recommendation of the Dean of the Law School at the completion of the first year of the Law School with a grade of not less than middle *C*, at which time the degree of Bachelor of Arts will be conferred (Professional work taken at another institution will not satisfy the major requirement for the combined degrees); (5) maintain throughout the entire course the scholarship level required for graduation.

*Combined Degrees of Bachelor of Science in Engineering and Bachelor of Laws.*—The requirements for the combined degrees are stated on page 100.

#### REQUIREMENTS FOR THE DEGREE OF JURIS DOCTOR

This degree is conferred as a recognition of the completion at the George Washington University Law School, with high rank, of the full professional course including experience in research and legal authorship.

To be recommended for this degree the student must have completed: (1) a residence period of not less than three academic years on a full-time basis or four years on a part-time basis in the Law School; (2) eighty credit hours with a general average of at least *B* including the course in Moot Court and either the course in Comparative Law or one of the graduate seminars; and (3) one year of acceptable service on the board of student editors of *The George Washington Law Review*, election to which is subject to regulations laid down by the Faculty.

#### HONORS

The degree of Bachelor of Laws or of Juris Doctor "with distinction" will be awarded the student who obtains a general average of *A* in the work for the degree.

#### IN THE GRADUATE COURSE

These degrees are Master of Laws (LL.M.) and Doctor of Juridical Science (S.J.D.).

#### REQUIREMENTS FOR THE DEGREE OF MASTER OF LAWS

To be recommended for this degree the student must have completed a residence period of not less than one academic year. He must have completed satisfactorily twenty credit hours of subjects in the graduate curriculum. In individual cases, third- or fourth-year subjects listed in the professional curriculum may be included in the program of study. All requirements for this degree must be completed in a period not exceeding two academic years.

#### REQUIREMENTS FOR THE DEGREE OF DOCTOR OF JURIDICAL SCIENCE

To be recommended for this degree the student must have completed a residence period of not less than one academic year. He must have pursued a course of study and research designated by his consultative committee and approved by the Dean's Council of the Law School. At the conclusion of his first year of residence or at such other time as the consultative committee may set, the candidate must pass an oral examina-

tion in those fields of study selected by the consultative committee. This examination shall be conducted by the consultative committee and such other members of the faculty as may be assigned by the Dean.

Not later than the date specified in the University calendar the candidate must submit to the Dean one typewritten original and two legible and complete carbon copies of his thesis in its final form and also a typewritten summary of the thesis consisting of not more than 2,500 words. To be acceptable the thesis must, in the opinion of the examining committee, constitute a substantial contribution to the field of law concerned and be suitable for publication. Requirements regarding the form of the thesis are stated on page 39, and additional information will be supplied by the Dean.

The summaries of accepted theses will be printed in a volume forming a number of the University BULLETIN. The successful candidate for the doctorate is required, before receiving his degree, to pay a fee to cover the expense of printing the summary of his thesis.



## THE SCHOOL OF ENGINEERING

### THE FACULTY AND STAFF OF INSTRUCTION‡

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Frederick Morris Feiker, B.S. in E.E., D.Eng., *Dean of the School of Engineering*  
Carl Hugo Walther, B.E., M.C.E., *Assistant to the Dean of the School of Engineering*

---

Thomas Benjamin Brown, Ph.D., *Professor of Physics*  
\*Frank Artemas Hitchcock, M.S. in C.E., C.E., *Professor of Civil Engineering; Director of War Training Program*  
\*Norman Bruce Ames, M.S., E.E., LL.B., *Professor of Electrical Engineering*  
Arthur Frederick Johnson, M.E., Ph.D., *Professor of Mechanical Engineering*  
James Henry Taylor, Ph.D., *Professor of Mathematics*  
Frank Mark Weida, Ph.D., *Professor of Statistics*  
Frederick Morris Feiker, B.S. in E.E., D.Eng., *Professor of Engineering Administration*  
Merle Irving Protzman, Ph.D., *Professor of Romance Languages*  
Benjamin Carpenter Cruickshanks, B.S. in M.E., *Professor of Mechanical Engineering*  
Forest Klaire Harris, Ph.D., *Professorial Lecturer in Electrical Engineering*  
Joseph Young Dreisonstok, Capt., U. S. Navy, B.S., *Professorial Lecturer on Navigation*  
Newbern Smith, M.S. in E.E., Ph.D., *Professorial Lecturer in Electrical Engineering*  
Milton Kent Akers, B.S., E.E., *Associate Professor of Electrical Engineering*  
\*Charles Edward Cook, B.S. in E.E., B.S. in C.E., C.E., *Associate Professor of Civil Engineering*  
Maurice Hart Van Horn, Ph.D., *Associate Professor of Chemistry*  
\*Alfred Ennis, M.S., E.E., D.Eng., *Associate Professor of Electrical Engineering*

\* On war leave 1945-46.

‡ The President of the University, the Dean of the School, the Registrar of the University, the Director of Admissions of the University, Professors, Associate Professors, and Assistant Professors constitute the Faculty.

- \*George Strollo, B.S. in C.E., M.C.E., *Associate Professor of Civil Engineering*  
 Carl Hugo Walther, B.E., M.C.E., *Associate Professor of Civil Engineering*  
 \*Howard Henry Koster, M.S. in M.E., *Assistant Professor of Mechanical Engineering*  
 Wolfram Karl Legner, Ph.D., *Assistant Professor of German*  
 Maurice Harold Irvine, Ph.D., *Assistant Professor of English*  
 Edward Iannelli, B.E.E., *Lecturer in Electrical Engineering*  
 Francis Jerue Gross, B.S. in E.E., *Lecturer in Electrical Engineering*  
 Ivan Charles Crawford, Jr., M.S. in C.E., *Lecturer in Civil Engineering*  
 Joseph Carl Oleinik, B.S. in C.E., M.S., *Lecturer in Civil Engineering*  
 William Hayward, B.S. in C.E., *Lecturer in Civil Engineering*  
 Earl Hildreth Lund, B.S. in C.E., C.E., LL.B., *Lecturer in Civil Engineering*  
 Ralph Edward Fuhrman, B.S. in C.E., M.S., *Lecturer in Civil Engineering*  
 Dwight Edward Shytle, *Associate in Electrical Engineering*  
 Sarkis Bagdoyan, B.S. in C.E., *Associate in Civil Engineering*  
 Edmund Douglas Schreiner, B.E.E., *Associate in Electrical Engineering*  
 Rolla Taylor, B.S. in E.E., *Associate in Civil Engineering*  
 Joseph Edward Gray, B.S. in C.E., C.E., *Associate in Civil Engineering*  
 Perry Harold Peterson, B.S. in C.E., *Associate in Civil Engineering*

#### THE DEAN'S COUNCIL ‡

1946

James Henry Taylor  
 Maurice Hart Van Horn

1947

Benjamin Carpenter Cruickshanks  
 Maurice Harold Irvine

1948

Milton Kent Akers  
 Frank Artemas Hitchcock

#### GENERAL INFORMATION

##### INTRODUCTORY

##### HISTORY AND ACCREDITATION

The School of Engineering was organized in 1884 as the Corcoran Scientific School. In 1903 that school was combined with Columbian College in the Department of Arts and Sciences. In 1905 the engineering courses were placed under an administrative organization known as the

\* On war leave 1945-46.

‡ Elected by the Faculty. The President of the University and the Dean and Assistant to the Dean of the School of Engineering are members ex officio of the council.

Washington College of Engineering and in 1909 the name was changed to the College of Engineering and Mechanic Arts. In 1914 the name became the School of Engineering.

Courses leading to the degrees of Bachelor of Civil Engineering, Bachelor of Mechanical Engineering, and Bachelor of Electrical Engineering are accredited by the Engineers' Council for Professional Development, the recognized accrediting body of the engineering profession, composed of representatives of the American Society of Civil Engineers, the American Institute of Mining and Metallurgical Engineers, the American Society of Mechanical Engineers, the American Institute of Electrical Engineers, the Society for the Promotion of Engineering Education, the American Institute of Chemical Engineers, and the National Council of State Boards of Engineering Examiners.

#### REGULATIONS

*Students in the School of Engineering are subject to, and are expected to familiarize themselves with, the regulations concerning ADMISSION, REGISTRATION, FEES AND FINANCES stated on pages 10-23, and the University regulations stated on pages 35-40.*

#### AMOUNT OF WORK

Eighteen credit hours, including required physical education, constitute normal full-time work. Nine credit hours constitute normal part-time work.

A full-time student who is not on probation may take ordinarily not more than nineteen credit hours. A student employed more than twenty-four hours a week, who is not on probation, may take ordinarily not more than ten credit hours. A student whose quality-point index is 3.00 or higher may be permitted by the Dean to exceed these limits by not more than two credit hours.

A student previously unemployed who accepts employment subsequent to registration or at any time during a term is required to report that fact immediately to the Dean, in order that adjustments in schedule may be made, if necessary, to bring his program within the Faculty's limitations upon the amount of work to be carried by an employed student.

#### ATTENDANCE

The student is expected to attend every meeting of the course in which he is registered fully prepared to carry on the work required. The student is held responsible for all work in the course, and all absences must be excused before provision will be made for him to make up the work missed. Excuses for absences from examinations which have been announced in advance can be obtained only by making written application to the instructor in charge of the course.



## THE BACHELOR'S DEGREES

The Bachelor's degrees are: Bachelor of Civil Engineering, Bachelor of Electrical Engineering, Bachelor of Mechanical Engineering, and Bachelor of Science in Engineering.

The degree of Bachelor of Science in Engineering may be earned with any of the following majors: Business Administration, Chemistry, Economics, Mathematics, Naval Architecture, Physics, or Statistics.

In cooperation with the Law School a six-year curriculum leading to the combined degrees of Bachelor of Science in Engineering and Bachelor of Laws is offered.

## REQUIREMENTS FOR THE DEGREES

### SCHOLARSHIP

The system of grading and computing scholarship is described in detail on pages 35 and 36.

In order to graduate, a student must have a quality-point index of at least 2.00. No student whose quality-point index is below 2.00 will be admitted to the junior year.

*Probation.*—A student must maintain a quality-point index of at least 2.00, or be placed on probation. A student remains on probation as long as his quality-point index is below 2.00, or until his probation is removed by the Dean's Council.

*Suspension.*—A student who has a quality-point index below 1.50 or who is placed on probation for a third term, whether successive or after an interval, will be suspended. A student suspended for poor scholarship may apply for readmission after an interval of one calendar year. He must then submit evidence to the Dean's Council that during his absence from the University he has so conducted himself as to indicate that he will profit by readmission. A student suspended twice for poor scholarship will not be readmitted.

### USE OF CORRECT ENGLISH

Any student whose English in any course whatever is deemed unsatisfactory may be reported by the instructor to the Dean's Council. The Council may assign supplementary work, without academic credit, varying in amount with the needs of the student. If the work prescribed is equivalent to a course, the regular tuition fee is charged. The granting of a degree may be delayed for failure to make up any such deficiency in English to the satisfaction of the Dean's Council.

The foregoing regulation is to be interpreted as applying to both written and spoken English.

## RESIDENCE

One year, or thirty-six credit hours, must be completed in residence in the School of Engineering. Summer term work may be counted in residence, but in no case may the period of residence aggregate less than thirty weeks. Unless special permission is granted by the Dean to pursue work elsewhere, the work of the senior or final year must be completed in residence.

## CURRICULUM REQUIREMENTS

The satisfactory completion of one of the following curricula of 144 credit hours is required.

Variations from the prescribed curricula may be made, with the permission of the Dean's Council. A student desiring to omit a required course and substitute another must make written application to the Dean, presenting satisfactory reasons for the substitution; and written approval must be obtained before registration for the course.

FRESHMAN YEAR (FOR ALL ENGINEERING CURRICULA)		Credit Hours
*Chem. 11-12	General Chemistry .....	8
CE 2	Plane Surveying .....	3
Engl. 1-2	Freshman English .....	6
Math. 12	Plane Analytic Geometry .....	3
Math. 19	Differential Calculus .....	3
ME 1	Engineering Survey and Orientation .....	1
ME 3	Mechanical Drawing .....	2
ME 4	Descriptive Geometry .....	2
Phys. Ed.	Physical Education .....	6
‡Phys. 6 and 7	General Physics .....	6
Total.....		36

## Bachelor of Civil Engineering

SOPHOMORE YEAR		Credit Hours
CE 21	Analytical Mechanics: Statics .....	3
CE 22	Analytical Mechanics: Dynamics .....	3
CE 23	Higher Surveying .....	4
EE 9-10	Elements of Electrical Engineering .....	6
Geol. 21-22	Physical and Historical Geology .....	6
Math. 20	Integral Calculus .....	3
Phys. Ed.	Physical Education .....	2
Phys. 8	General Physics .....	6
Elective	Economics 1-2 or modern language .....	3
Elective	.....	3
Total.....		37

\* The student who has credit for high school chemistry from an accredited high school may be excused from Chemistry 11 upon passing a qualifying examination given at the beginning of each term. He will be permitted to take Chemistry 12 and 21 instead.

‡ The student who begins physics with Physics 6 or 7 is subject to a qualifying examination. Credit will be given for Physics 5 or Chemistry 11 if not used for entrance requirements.

## JUNIOR YEAR

Credit  
Hours

CE 25-26	Materials of Construction.....	4
CE 123	Strength of Materials.....	3
CE 136	Hydraulics .....	3
CE 140	Materials and Hydraulics Laboratory.....	2
CE 141	Graphic Statics .....	3
CE 142	Bridge Stresses .....	3
CE 164	Highway Engineering .....	3
CE 171	Route Surveying .....	3
CE 172	Railroad Engineering .....	3
CE 187	Contracts and Specifications.....	2
ME 111-12	Thermodynamics .....	6
Speech 1	Principles of Effective Speaking.....	3
	Total.....	38

## SENIOR YEAR

Credit  
Hours

CE 147-48	Structural Design .....	4
CE 149-50	Concrete and Masonry Construction.....	6
CE 151-52	Statically Indeterminate Structures.....	4
CE 181-82	Water Supply and Sewerage.....	6
CE 189-90	Civil Engineering Proseminar.....	2
ME 141-42	Management Problems .....	4
Elective	.....	7
	Total.....	33

## Bachelor of Electrical Engineering

## SOPHOMORE YEAR

Credit  
Hours

CE 21	Analytical Mechanics: Statics.....	2
CE 22	Analytical Mechanics: Dynamics.....	3
EE 9-10	Elements of Electrical Engineering.....	6
Math. 20	Integral Calculus .....	3
Math. 132	Differential Equations .....	3
ME 13-14	Mechanism .....	4
Phys. Ed.	Physical Education .....	2
Phys. 8	General Physics .....	2
Phys. 55	Physical Measurements .....	2
Elective	Economics 1-2 or modern language.....	6
Elective	.....	5
	Total.....	38

## JUNIOR YEAR

Credit  
Hours

CE 25-26	Materials of Construction.....	4
CE 123	Strength of Materials.....	3
CE 136	Hydraulics .....	3
EE 17-18	Direct-Current Laboratory .....	4
EE 101	Electric Circuits .....	3
EE 102	Alternating-Current Machinery .....	3
EE 111-12	Electrical Measurements .....	4
ME 111-12	Thermodynamics .....	6
Phys. 132	Electronics .....	3
Speech 1	Principles of Effective Speaking.....	3
	Total.....	36



SENIOR YEAR		Credit Hours
CE 140	Materials and Hydraulics Laboratory.....	2
EE 103	Alternating-Current Machinery .....	3
EE 133-34	Alternating-Current Laboratory .....	4
EE 189-90	Proseminar in Electrical Engineering.....	2
ME 115	Mechanical Laboratory .....	2
Elective	Business Administration or Economics.....	6
Choice	(1) Communications Option, or (2) Power Option..	15
Total.....		34
1. Communications Option		Credit Hours
EE 151-52	Communication Engineering .....	4
EE 161-62	Communications Laboratory .....	4
Elective	.....	7
2. Power Option		
EE 125-26	Principles of Electric Power Transmission.....	4
EE 136	Hydro-Electric Engineering .....	2
EE 137	Electric Traction .....	2
EE 140	Electrical Design .....	3
Elective	.....	4

## Bachelor of Mechanical Engineering

SOPHOMORE YEAR		Credit Hours
CE 21	Analytical Mechanics: Statics.....	2
CE 22	Analytical Mechanics: Dynamics.....	3
EE 9-10	Elements of Electrical Engineering.....	6
Math. 20	Integral Calculus .....	3
ME 7	Machine Drawing .....	2
ME 8	Mechanism Drawing .....	2
ME 13-14	Mechanism .....	4
Phys. Ed.	Physical Education .....	2
Phys. 8	General Physics .....	2
Phys. 55	Physical Measurements .....	2
Elective	Economics 1-2 or modern language.....	0
Elective	Mathematics .....	3
Total.....		37

JUNIOR YEAR		Credit Hours
CE 25-26	Materials of Construction.....	4
CE 123	Strength of Materials.....	3
CE 136	Hydraulics .....	3
CE 140	Materials and Hydraulics Laboratory.....	2
CE 141	Graphic Statics .....	3
EE 13-14	Direct- and Alternating-Current Laboratory.....	4
ME 111-12	Thermodynamics .....	0
ME 141-42	Management Problems .....	4
Speech 1	Principles of Effective Speaking.....	3
Elective	.....	2
Total.....		35

SENIOR YEAR		Credit Hours
ME 115-16	Mechanical Laboratory .....	4
ME 126	Methods of Manufacture .....	2
ME 127-28	Machine Design .....	4
ME 129-30	Power Plants .....	6
ME 131-32	Heating, Ventilating, Air Conditioning, and Refrigeration .....	4
ME 133	Combustion Engines .....	2
ME 139	Fluid Dynamics .....	3
ME 140	Dynamics of Machinery .....	3
ME 189-90	Proseminar in Mechanical Engineering .....	2
Elective	.....	6
Total .....		36

## Bachelor of Science in Engineering

SOPHOMORE YEAR		Credit Hours
CE 21	Analytical Mechanics: Statics .....	2
CE 22	Analytical Mechanics: Dynamics .....	3
EE 9-10	Elements of Electrical Engineering .....	6
Math. 20	Integral Calculus .....	3
ME 13-14	Mechanism .....	4
Phys. Ed.	Physical Education .....	2
Phys. 8	General Physics .....	2
Elective	Business Administration or Speech .....	3
Elective	Economics 1-2 or modern language .....	6
Elective	Mathematics .....	3
Elective	Physics .....	3
Total .....		37

JUNIOR YEAR		Credit Hours
CE 25-26	Materials of Construction .....	4
CE 123	Strength of Materials .....	3
CE 136	Hydraulics .....	3
CE 140	Materials and Hydraulics Laboratory .....	2
EE 13-14	Direct- and Alternating-Current Laboratory .....	4
ME 111-12	Thermodynamics .....	6
Elective	.....	14
Total .....		36

SENIOR YEAR		Credit Hours
Bus. Adm. 101-2	Business Organization and Management .....	6
Geol. 21-22	Physical and Historical Geology .....	6
ME 141-42	Management Problems .....	4
Elective	.....	19
Total .....		35

The purpose of the Bachelor of Science in Engineering curriculum is to allow a student who has demonstrated his ability to do better than passing work to center his attention upon a group of subjects in which he has special interest. Options may be elected in Business Administration, Chemistry, Economics, Mathematics, Naval Architecture, Physics, or Statistics. The student's choice of subjects for the entire junior and senior years must be submitted to the Dean's Council for approval *before* the beginning of the junior year. The student must comply with such requirements as to subjects, schedules, and scholarship as the department concerned may prescribe.

Curricula recommended by the several departments in which options may be elected are available in the Office of the Dean of the School of Engineering for the guidance of students in arranging their programs. Variations from these curricula may be made to satisfy the needs of the exceptional individual student. However, any variation must be approved in writing by the major department and the Dean's Council.

#### COMBINED BACHELOR OF SCIENCE IN ENGINEERING AND BACHELOR OF LAWS DEGREES

For those students who desire to enter the branches of the legal profession in which a background in engineering is necessary a six-year curriculum is offered, leading to the combined degrees of Bachelor of Science in Engineering and Bachelor of Laws. A candidate for the combined degrees must conform to the residence and scholarship requirements of the School of Engineering throughout the period of preparation for the degree in engineering. His scholarship level for the junior and senior years must be acceptable to both the School of Engineering and the Law School. During the junior and senior years he must complete: (1) the required courses in engineering, (2) the 28 credit hours of courses required in the first year of the Law School, and (3) such electives as he needs to satisfy the 144 credit-hour requirement for the degree in engineering. Upon the satisfactory completion of the senior year, the degree of Bachelor of Science in Engineering will be conferred. The student will then continue his studies in the Law School; upon the satisfactory completion of which the degree of Bachelor of Laws will be conferred.

For detailed information the student should consult the deans of the School of Engineering and the Law School.

#### THE PROFESSIONAL DEGREES

The professional degree of Civil Engineer, Electrical Engineer, or Mechanical Engineer may be conferred upon a graduate of the School of Engineering who has demonstrated his professional ability.



REQUIREMENTS FOR THE DEGREES

1. Application may not be made sooner than three years after graduation, and then only if the candidate has had responsible charge of engineering work.

2. A detailed statement of the candidate's experience, references, the degree sought, and the title of the thesis must be filed with the Dean eight months before the Commencement at which the degree is to be conferred.

Detailed information concerning the preparation of the thesis may be obtained from the Office of the Dean.

## THE SCHOOL OF PHARMACY

### THE FACULTY AND STAFF OF INSTRUCTION‡

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*

\*William Paul Briggs, M.S., *Dean of the School of Pharmacy*

---

Walter Lynn Cheney, Ph.D., *Professor of Physics*

\*William Paul Briggs, M.S., *Professor of Pharmacy*

Ira Bowers Hansen, Ph.D., *Professor of Zoology*

\*Paul William Bowman, Ph.D., *Professor of Biology*

Lawson Edwin Yocum, Ph.D., *Professor of Botany*

Alan Thomas Deibert, A.M., *Associate Professor of Romance Languages*

Chester Elwood Leese, Ph.D., *Associate Professor of Physiology*

Samuel Nathaniel Wrenn, Ph.D., *Associate Professor of Chemistry*

\*Charles Rudolph Naeser, Ph.D., *Associate Professor of Chemistry*

Maurice Hart Van Horn, Ph.D., *Associate Professor of Chemistry*

Angus MacIvor Griffin, Ph.D., *Associate Professor of Bacteriology*

\*Lea Gene Gramling, Ph.D., *Assistant Professor of Pharmacology and  
Pharmacognosy*

Gretchen Louisa Rogers, Ph.D., *Assistant Professor of German*

\*Charles Watson Bliven, M.S., *Assistant Professor of Pharmaceutical  
Chemistry*

Lloyd Walter Hazleton, Ph.D., *Assistant Professor of Pharmacology*

Asa Vernon Burdine, *Lecturer on Pharmaceutical Economics*

Harold Clayton Kinner, B.S. in Phar., *Lecturer on Pharmaceutical Law*

Leopold Henry Forster, Phar.G., *Instructor in Hospital Pharmacy*

Marjorie Bennett Bliven, M.S., *Instructor in Pharmacy*

Emily Anna May Godfrey, B.S. in Ed., *Associate in Pharmaceutical  
Chemistry; Research Associate in Pharmacology*

Kathleen Darner Talbert, A.B., *Associate in Pharmacognosy; Research  
Associate in Pharmacology*

#### SEMINAR LECTURERS

James Johnson Durrett, M.S., Phar.G., M.D., *Professorial Lecturer on  
Drug Control Problems*

Carson Peter Frailey, Phar.D., *Professorial Lecturer on Industrial  
Pharmacy*

\* On war leave 1945-46.

‡ The President of the University, the Dean of the School, the Registrar of the University, the Director of Admissions of the University, Professors, Adjunct Professors, Associate Professors, Assistant Professors, and Instructors constitute the Faculty.

- Warren Fales Draper, A.B., M.D., *Professorial Lecturer on Public Health*  
Frederick John Cullen, Phar.G., M.D., *Professorial Lecturer on Drug Manufacture*  
James Albert Horton, LL.B., *Professorial Lecturer on Drug Trade Regulations*  
John Christian Krantz, Jr., Ph.D., *Professorial Lecturer on Pharmaceutical Research*  
Justin Lawrence Powers, Ph.D., *Professorial Lecturer on Official Drug Standards*  
George Clemens Ruhland, M.D., *Professorial Lecturer on Hygiene and Sanitation*  
Robert Lee Swain, Phar.D., LL.B., *Professorial Lecturer on Contemporary Pharmacy*  
George Potter Larrick, *Professorial Lecturer on Drug Control*

COMMITTEES \*

ADVISORY COMMITTEE

Howard Bradbury

Augustus Carrier Taylor

THE DEAN'S COUNCIL ‡

Lloyd Walter Hazleton

Ira Bowers Hansen

COMMITTEE ON SCHOLARSHIP

Samuel Nathaniel Wrenn, *Chairman*

Lawson Edwin Yocum

GENERAL INFORMATION

INTRODUCTORY

In 1867 the foundation for the National College of Pharmacy was laid by the Apothecaries' Association of the District of Columbia. The College was opened in 1872 and continued until 1906, when it became affiliated with The George Washington University.

The School of Pharmacy is accredited by the American Council on Pharmaceutical Education.

The School of Pharmacy is a member of the American Association of Colleges of Pharmacy.

Washington offers many opportunities for the study of pharmacy. Not only are the facilities of government laboratories and libraries open to the student, but the School of Pharmacy is located only a few blocks from

\* The President of the University and the Dean of the School of Pharmacy are members ex officio of all committees.

‡ Elected by the Faculty.



the American Institute of Pharmacy building, in which has been established a pharmaceutical museum and library, and research laboratories which have brought to Washington the outstanding men of the profession.

#### REGULATIONS

*Students in the School of Pharmacy are subject to and are expected to familiarize themselves with the regulations concerning ADMISSION, REGISTRATION, FEES AND FINANCES as stated on pages 10-23, and the University regulations stated on pages 35-40.*

#### AMOUNT OF WORK

Normal work for any year is that outlined under the head of "Curriculum Requirements", below. A student who wishes to take more than the normal amount of work may do so only with the permission of the Committee on Scholarship, the members of which are guided in their decision by his scholastic record and the extent to which he is employed. A student on probation is limited in the amount of work he may carry.

#### ATTENDANCE

Except by special permission of the instructor, credit will not be given for any course if absences, including both lecture and laboratory, exceed in number for each term the hours of credit for the term.

Absence consists of being away from a lecture or a laboratory, entering after the lecture or laboratory has begun, or leaving before either is dismissed.

#### EXAMINATIONS BEFORE STATE BOARDS OF PHARMACY

To be eligible for examination before most state boards of pharmacy the applicant is required to present satisfactory evidence of college graduation and in addition must have had from one to four years of practical experience in a pharmacy where prescriptions are compounded. The student is not encouraged to undertake professional work while attempting a full course of study. A student who maintains a quality-point index of 2.00 or higher, may be granted permission by the Dean to acquire a limited amount of this professional experience by working in a pharmacy while carrying a full schedule. A student who falls below a quality-point index of 2.00 will be required to reduce his academic load, or to limit his professional-experience time to less than twenty-four hours a week.

#### THE DEGREE OF BACHELOR OF SCIENCE IN PHARMACY

Upon the satisfactory completion of the requirements of the School of Pharmacy, the degree of Bachelor of Science in Pharmacy is conferred.

## REQUIREMENTS FOR THE DEGREE

## SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 35 and 36.

In order to graduate, a student must have a general quality-point index of at least 2.00. In addition, he must have a quality-point index of at least 2.50 in all pharmacy courses.

*Probation.*—A student must maintain a quality-point index of at least 2.00, or be placed on probation where he will remain as long as he fails to attain this index.

*Suspension.*—A student who has a quality-point index below 1.00 or who is placed on probation for a third term, whether successive or after an interval, will be suspended. A student who receives a grade of *E* or *F* in two courses in any one term will be suspended.

A student suspended for poor scholarship may apply for readmission after an interval of a calendar year. He must then submit evidence to the Dean of the School of Pharmacy that during his absence from the University he has so conducted himself as to indicate that he will profit by readmission. A student suspended twice for poor scholarship will not be readmitted.

The foregoing scholarship rules are applied to a student with a limited schedule only when he has undertaken a minimum of fifteen credit hours.

## CURRICULUM

The laboratory method of teaching is used. Recitation classes are held in connection with each course in order to provide systematic drill in the subjects.

The curriculum requirements include at least 126 credit hours. The following curricula lead to the degree of Bachelor of Science in Pharmacy.

## Freshman and Sophomore Years

Courses	Did. hrs.	Lab. hrs.	Credit hrs.	Clock hrs.
Courses in the Junior College (see page 51 and table facing page 57)...	702	990	64	1692

## Junior Year: Fall Term

Courses	Did. hrs.	Lab. hrs.	Credit hrs.	Clock hrs.
Chemistry 21.....	36	108	4	144
Pharmacy 105.....	36	.....	2	36
Pharmacy 109.....	36	54	3	90
*Physics 6.....	36	36	3	72
Physiology 115.....	54	.....	3	54
Physiology 117.....	.....	54	1	54
Total.....	198	252	16	450

## Junior Year: Winter Term

Bacteriology 112.....	54	72	4	126
Pharmacy 102.....	36	108	4	144
Pharmacy 106.....	36	.....	2	36
Pharmacy 108.....	18	.....	1	18
Pharmacy 110.....	36	54	3	90
Elective .....	36	.....	2	36
Total.....	216	234	16	450

## Senior Year: Fall Term

‡Biochemistry 221.....	36	.....	2	36
Pharmacy 103.....	36	108	4	54
Pharmacy 165.....	54	.....	3	144
Elective .....	72	54	5	126
Total.....	198	162	14	360

\* Physics 7 may be substituted.

‡ With permission of the Dean, Biochemistry 221-22 may be replaced by other courses, for purposes of specialization.



## Senior Year: Winter Term

*Biochemistry 222.....	36	.....	2	36
Chemistry 22.....	36	108	4	144
Pharmacy 166.....	36	54	3	90
Pharmacy 174.....	36	108	4	144
Pharmacy 176.....	18	.....	1	18
Pharmacy 178.....	36	.....	2	36
Pharmacy 192.....	.....	.....	.....	.....
Total.....	198	270	16	468
Grand total.....	1512	1908	126	3420

\* With permission of the Dean, Biochemistry 221-22 may be replaced by other courses, for purposes of specialization.

## THE SCHOOL OF EDUCATION

### THE FACULTY AND STAFF OF INSTRUCTIONS

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
James Harold Fox, A.M., Ed.D., *Dean of the School of Education*

---

Henry Grattan Doyle, A.M., *Professor of Romance Languages*  
William Cullen French, Ph.D., *Professor of Education*  
Ruth Harriet Atwell, A.M., *Professor of Physical Education for Women*  
Frank Mark Weida, Ph.D., *Professor of Statistics*  
\*Mitchell Dreese, Ph.D., *Professor of Educational Psychology*  
Sidney Barlett Hall, A.M., Ed.D., LL.D., *Professor of Education*  
James Harold Fox, A.M., Ed.D., *Professor of Education*  
Thelma Hunt, Ph.D., M.D., *Professor of Psychology*  
Chester Winfield Holmes, Ed.D., *Adjunct Professor of Education*  
Benjamin Franklin Kyker, A.M., *Adjunct Professor of Education*  
Meredith Chester Wilson, B.S., *Adjunct Professor of Education*  
Francis Kirkpatrick, A.M., *Associate Professor of Home Economics*  
Chester Elwood Leese, Ph.D., *Associate Professor of Physiology*  
William Henry Myers, A.M., *Associate Professor of Physical Education for Men*  
Ruth Coyner Little, Ph.D., *Associate Professor of Education*  
Helen Bennett Lawrence, A.M., *Associate Professor of Physical Education for Women*  
Burnice Herman Jarman, A.M., Ed.D., *Associate Professor of Education*  
Kathryn Mildred Towne, A.M., *Associate Professor of Home Economics*  
Edwin Wallace Davis, Ph.D., *Associate Professor of Psychology*  
\*Jenny Emsley Turnbull, A.M., *Assistant Professor of Physical Education for Women*  
Dorothy Helene Veon, A.M., *Assistant Professor of Secretarial Studies*  
Elizabeth Burtner, A.M., *Assistant Professor of Physical Education for Women*  
Margaret Olive Osborn, M.S., *Assistant Professor of Home Economics*  
Jane Frost Hilder, *Lecturer in Education*  
Agnes Kerr Tweedie, Ed.M., *Lecturer in Education*  
‡LuVerne Crabtree Walker, A.M., *Lecturer in Education*

\* On war leave 1945-46.

† On leave of absence 1945-46.

‡ The President of the University, the Dean of the School, the Registrar of the University, the Director of Admissions of the University, Professors, Adjunct Professors, Associate Professors, Assistant Professors, and Instructors constitute the Faculty.

Milo Frederick Christiansen, B.S., M.R., *Lecturer in Physical Education*

Madaline Kinter Remmlein, Ph.D., J.D., *Lecturer in Education*

Charles Edward Bish, A.M., Ed.D., *Lecturer in Education*

Helen Barton Goodwin, A.M., *Lecturer in Education*

Blake Smith Root, B.S., A.M., *Lecturer in Education*

\*Charles Norval Cofer, Ph.D., *Instructor in Educational Psychology*

George Horsely Smith, Ph.D., *Instructor in Psychology*

Edith Grosvenor Woodson, B.S., *Associate in Physical Education for Women*

Margery Fitz Stephen Taylor, A.B., M.S., *Instructor in Physical Education for Women*

Ruth Ann Wells, B.S., *Associate in Home Economics*

#### CONSULTANT IN RESEARCH

John Kerr Rose, Ph.D., *Research Associate in Education*

#### COMMITTEES

##### THE DEAN'S COUNCIL

1946

Ruth Coyner Little

Thelma Hunt

1947

Burnice Herman Jarman

Kathryn Mildred Towne

1948

Frank Mark Weida

Ruth Harriet Atwell

#### COMMITTEE ON ADMISSION AND ADVANCED STANDING

The Dean of the School, *Chairman*

Harold Griffith Sutton

Frances Kirkpatrick

William Henry Myers

Frank Mark Weida

Burnice Herman Jarman

Ruth Harriet Atwell

#### GENERAL INFORMATION

##### INTRODUCTORY

It is the purpose of the School of Education to prepare teachers, supervisors, and administrators for the higher ranges of educational service and to offer opportunities to teachers of experience to extend their education. The School includes the departments of Education, Physical Education, and Home Economics. It offers both graduate and undergraduate work. Other departments of the University provide general

\* On war leave 1945-46.



education and subject-matter courses needed for a well-balanced program of teacher education.

The schedule of courses is arranged to meet the convenience of both full-time and part-time students. By attending afternoon, Saturday, and summer classes, teachers in the schools of Washington and vicinity may complete all the requirements for a degree without giving up their positions.

In cooperation with the United States Navy, the Department of Home Economics offers a special program in dietetics and related subjects for Navy Nurses. Candidates are selected by the Nursing Corps of the United States Navy.

#### REGULATIONS

*Students in the School of Education are subject to, and are expected to familiarize themselves with, the regulations concerning ADMISSION, REGISTRATION, FEES AND FINANCES stated on pages 10-23, and the University regulations stated on pages 35-40.*

#### AMOUNT OF WORK

A normal program of work for an undergraduate student is sixteen or seventeen credit hours. A student with a quality-point index of 3.00 or higher may, with the Dean's permission, take nineteen hours. More than nineteen hours may not be taken except by special permission of the Committee on Scholarship.

For an employed student ten credit hours constitute a normal program. A student with a quality-point index of 3.00 or higher for the preceding term may be permitted by the Dean to take twelve or thirteen credit hours.

For a graduate student twelve credit hours, exclusive of the thesis, constitute a normal program. An employed student may not take more than nine credit hours.

#### THE BACHELOR'S DEGREES

Upon the satisfactory completion of the undergraduate requirements of the School of Education, the degree of Bachelor of Arts in Education, Bachelor of Science in Home Economics, or Bachelor of Science in Physical Education is conferred.

The program of work of each student must be approved by a Faculty adviser. Since each student's program of work will be defined by his particular needs, it is important that the student have a clear conception of his major interest in education, and also that he be familiar with the teaching-certificate requirements in the locality in which he expects to teach.

## REQUIREMENTS FOR THE DEGREES

To be recommended for a degree a student must satisfy the admission, residence, scholarship, and curriculum requirements.

### RESIDENCE

For full details concerning continuous registration, see page 35.

### SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 35 and 36.

In order to graduate, a student must have a quality-point index of at least 2.00.

*Probation.*—An undergraduate student who fails to maintain a quality-point index of at least 2.00 will be placed on probation. A student remains on probation as long as his quality-point index is below 2.00, or until his probation is removed by the Committee on Scholarship.

*Suspension.*—An undergraduate student who fails to pass (i.e., who receives a grade of *E* or *F*) in half or more than half of his work, based on a minimum of sixteen credit hours, will be suspended.

A student who has been suspended for poor scholarship may within ten days appeal his case to the Committee on Scholarship through the Dean. If the case appears to be remediable and the student appears likely to improve in his scholarship thereafter, the Committee may readmit him on probation. A student who has been denied readmission on probation may petition the Committee on Scholarship through the Dean for readmission after the lapse of a calendar year. A student who has been suspended twice will not be readmitted.

### CURRICULUM REQUIREMENTS

In any of the following curricula at least thirty credit hours must consist of courses numbered above 100.

#### Bachelor of Arts in Education

Students admitted with two years of approved college work are granted the degree of Bachelor of Arts in Education upon the satisfactory completion of sixty-six or more credit hours. This work must include:

	Credit Hours
*Education (including Observation and Cadet Teaching) .....	18
†Educational Psychology .....	2 or 3
‡Educational Sociology .....	2 or 3
Subject-matter field .....	24 or more
Electives .....	6 to 20

\* The choice of courses in education will depend largely upon the certification requirements that the student wishes to meet. Courses listed under the Department of Education as "Closely Related Courses in Other Departments" are accepted in fulfilling the requirements in education. Some certification requirements for elementary school teachers include as much as 40 credit hours in education.

‡ Required in addition to eighteen credit hours in education.

To the extent that courses in the foregoing list are offered for admission, the range of electives is increased.

In accordance with the foregoing general pattern of work for the degree, programs of study are available for elementary school teachers with normal school training and for prospective secondary school teachers in the following teaching fields: English; social studies; history and geography; history, civics, and economics; general science and biology; general science and chemistry; general science and physics; general science and mathematics; French; Spanish; German; Latin; secretarial studies; accounting, banking, and business management; and art. Additional information concerning these programs may be obtained by writing to the Dean.

*Normal School Students.*—Students from approved normal schools are granted such advanced standing as their credentials warrant. Their unfinished requirements are determined by the Dean.

*Subject-matter Field.*—Courses elected within the subject-matter field will depend upon the teaching certificate desired. Usually twenty-four to thirty-six credit hours are required. The subject-matter program should be planned in consultation with, and must be approved by, the Faculty adviser in the field selected. Relevant work completed in normal school or junior college may be counted toward the subject-matter requirements with the approval of the Faculty adviser and the Dean.

#### Bachelor of Science in Home Economics

The curriculum leading to this degree is designed to prepare young women for the important responsibility of home-making. The program can be adapted, however, to meet special requirements. Each student will plan her work with the assistance of a Faculty adviser in the Department of Home Economics.

##### GENERAL HOME-MAKING COURSE

JUNIOR YEAR		Credit Hours	SENIOR YEAR		Credit Hours
Home Economics 54.....	3		Home Economics 152.....	3	
Home Economics 71.....	3		Home Economics 171.....	3	
Home Economics 102.....	3		Home Economics 192.....	3	
Home Economics 123.....	3		Home Economics 197-98.....	6	
Physiology 115 .....	3		Psychology 125.....	3	
Electives.....	15		Sociology 176.....	3	
			Electives.....	9	
Total.....	30		Total.....	30	

#### Bachelor of Science in Physical Education for Men

##### DUAL-MAJOR TEACHER'S COURSE

The minimum requirements for this degree are twenty-three credit hours in physical education, nineteen credit hours in education (including



Sociology 121), eighteen credit hours in a subject-matter group, and six credit hours of electives, distributed as follows:

JUNIOR YEAR		Credit Hours	SENIOR YEAR		Credit Hours
Education 156.....	3		Education 131.....	3	
Education electives.....	4		Education 133-34.....	6	
Physical Education 102.....	2		Physical Education 131.....	3	
Physical Education 103.....	2		Physical Education electives.....	8	
Physical Education 107.....	2		Electives.....	13	
Physical Education 113-14.....	4				
Physical Education 138.....	2		Total.....	33	
Sociology 121.....	3				
Electives.....	11				
Total.....	33				

#### SINGLE-MAJOR TEACHER'S COURSE

The minimum requirements for this degree are thirty-one credit hours in physical education, nineteen credit hours in education (including Sociology 121), and sixteen credit hours of electives, distributed as follows:

JUNIOR YEAR		Credit Hours	SENIOR YEAR		Credit Hours
Education 156.....	3		Education 131.....	3	
Education electives.....	4		Education 133-34.....	6	
Physical Education 102.....	2		Physical Education 109.....	2	
Physical Education 103.....	2		Physical Education 125.....	3	
Physical Education 107.....	2		Physical Education 131.....	3	
Physical Education 113-14.....	4		Physical Education 146.....	3	
Physical Education 115-16.....	4		Electives.....	13	
Physical Education 117-18.....	4				
Physical Education 138.....	2		Total.....	33	
Sociology 121.....	3				
Electives.....	3				
Total.....	33				

#### Bachelor of Science in Physical Education for Women

The minimum requirements for this degree are sixty-six credit hours, distributed as follows:

JUNIOR YEAR		Credit Hours	SENIOR YEAR		Credit Hours
Education 156.....	3		Education 133-34.....	6	
Physical Education 102.....	2		Physiology 115.....	3	
Physical Education 103.....	2		Physical Education 119-20.....	4	
Physical Education 105-6.....	6		Physical Education 121.....	3	
Physical Education 111-12.....	4		Physical Education 122.....	3	
Physical Education 132, 146.....	4		Physical Education 130.....	3	
Sociology 121.....	3		Physical Education 131, 140.....	5	
Subject-matter field or electives...	9		Subject-matter field or electives...	6	
Total.....	33		Total.....	33	

The student desiring to prepare herself to teach another subject in addition to physical education for women may do so by choosing her elective hours from one subject-matter field with the advice of the Dean of the School of Education. Relevant work completed in the Junior College may be counted in this subject-matter field.

### THE DEGREE OF MASTER OF ARTS IN EDUCATION

Upon the satisfactory completion of the graduate requirements of the School of Education, the degree of Master of Arts in Education is conferred. This is a professional degree, designed to prepare the student for some particular type of educational service. The program of studies leading to the degree will be selected by the candidate and his consultative committee from the various related departments of the University to give the student an adequate background in his chosen vocational field. For the prospective high school or junior high school teacher this will ordinarily include study in the subject which he is planning to teach as well as in the field of education.

In accordance with the foregoing general pattern of work, graduate programs of study are available in early childhood education, elementary education in the intermediate grades, elementary school administration, guidance, agricultural education, adult education, and the various teaching fields in secondary education. Programs of work for teachers-in-service are differentiated from those for students without teaching experience. Additional information concerning these programs may be obtained by writing to the Dean.

#### ADMISSION TO CANDIDACY

In addition to admission requirements stated on pages 16 and 17 the applicant for admission to candidacy for the Master's degree must be accepted by the Committee on Admission and Advanced Standing. The general procedure in meeting this requirement includes scholarship and personality ratings from instructors under whom the candidate has studied, a personal interview with the Dean, and a scholastic-aptitude test.

#### ADVANCED STANDING

Graduate work completed in other accredited institutions of learning may be credited toward the Master's degree, but a minimum of twenty-four credit hours must be completed at The George Washington University.

Advanced courses completed in excess of the requirements, for the Bachelor's degree in this University may be credited toward the Master's degree to the extent of twelve credit hours, provided the work fits in

with the student's plan of specialization and is approved in writing by the Dean before being undertaken.

Work completed more than three years prior to registration for the Master's degree at this University will be credited only after the candidate has satisfied the department concerned that he is proficient in the subject matter of the courses offered for credit. Such proficiency may be determined by examination or by other means.

## REQUIREMENTS FOR THE DEGREE

### RESIDENCE

A candidate must pass in resident study at this University at least two terms, or one term and two six-week summer sessions, or four six-week summer sessions.

### AMOUNT OF WORK

A student whose previous preparation in his chosen field has been adequate may complete his requirements, including the thesis, by a minimum of thirty credit hours; others are required to do additional work.

### THE THESIS

The program of studies will be rounded out by a thesis, which will count as six hours of credit toward the degree. It may be of a research, expository, critical, or creative type, and is intended to demonstrate the student's ability to make independent use of the information and training that he has acquired, and to furnish objective evidence of his constructive powers in his chosen field. The thesis subject must be approved in writing by the candidate's adviser and recorded in the Office of the Registrar by the date announced in the University calendar. One typewritten original and three legible and complete carbon copies of the thesis in its final form must be presented to the Dean by the candidate not later than the date announced in the University calendar. Requirements regarding the form of the thesis are stated on page 39, and additional information will be supplied by the Dean.

Payment of tuition for the thesis will entitle the candidate, during the academic year of registration, to the advice and direction of the member of the Faculty under whom the thesis is to be written. In case a thesis is unfinished, an additional successive academic year may be granted without further tuition payment. If the preparation of the thesis extends beyond the two-year period, it must be registered for again, and tuition paid on the same basis as for a repeated course.



#### FINAL EXAMINATION

In addition to the course examinations, the candidate must pass a final examination on the thesis and its related fields. This examination may be either written or oral at the discretion of the candidate's Consultative Committee.

If the thesis is submitted more than three years after the course requirements have been completed, a written examination covering the student's complete program of study will also be required.

#### THE DEGREE OF DOCTOR OF EDUCATION

The requirements for the degree of Doctor of Education cannot be stated in credit hours, but they consist in general of at least two full years of work beyond the degree of Master of Arts in Education or the equivalent. The programs of study are designed to prepare students for administrative or supervisory positions, the teaching of education in normal schools or colleges, the teaching of an academic subject in schools, or colleges, or for specialized types of educational service. The work is given a practical rather than a theoretical bent, and emphasizes the mastery and application of subject matter, both in the study requirements and in the thesis. Special emphasis is placed upon the professional success of the candidate.

The candidate's program of study largely depends upon his previous educational background and his professional objective. Opportunities are provided for study leading to the following professional objectives: school superintendent, secondary school principal, supervisor, director of guidance, director of curriculum development, professor of education, and specialist in educational research.

#### QUALIFICATIONS OF THE APPLICANT

The candidate for the degree of Doctor of Education must have completed (1) graduate work in fields prerequisite to his objective, equivalent to that required for the degree of Master of Arts in Education in The George Washington University, and (2) at least three years of successful educational experience.

#### ADMISSION TO CANDIDACY

To be admitted to candidacy for the degree the applicant must be accepted by the Faculty of the School of Education on the basis of an examination conducted by a committee appointed by the Dean. This examination will usually include the following: (1) a written examination involving problems related to the applicant's background; (2) a scholastic-aptitude test; (3) an oral examination.

### CONSULTATIVE COMMITTEE

If the applicant is accepted as a candidate, his consultative committee will counsel the candidate and guide his work.

The consultative committee, in cooperation with the candidate, will (1) determine the candidate's fields of study, in each of which the candidate must pass a written examination at least eight months before he presents himself for the degree; (2) formulate a list of course requirements and of readings that will assist him in preparing for these examinations; and (3) designate the tools of investigation that will be needed by the candidate in the prosecution of his study. These tools may include one or more foreign languages, statistical methods, historical criticism, or any others considered essential by the committee. An examination in the tools designated must be passed by the candidate before he takes his comprehensive examination.

### THE THESIS

When the candidate has satisfied the requirements of his consultative committee, the committee is dissolved. A member of the faculty, in whose field the topic of the thesis falls, is then appointed to serve as the candidate's adviser on his thesis and in his field of specialization, and to recommend him to the Dean for the final oral examination when, in his judgment, the candidate's thesis is acceptable.

Not later than the date specified in the University calendar the candidate shall submit to the Dean of the School of Education four copies of his thesis—one typewritten original and three legible and complete carbon copies, on official thesis paper—and also a typewritten summary of the thesis consisting of not more than 2,500 words. Requirements regarding the form of the thesis are stated on page 39, and additional information will be supplied by the Dean.

The successful candidate is required, before receiving his degree, to pay a fee to cover the expense of printing the summary of his thesis.

### THE FINAL EXAMINATION

At least three weeks before the degree is to be conferred the candidate must pass an oral examination on his thesis and on his field of specialization before a committee of the Faculty appointed by the Dean, supplemented by two experts from outside the University appointed by the President. This examination is open to the public and all are privileged to question the candidate. The Dean, or a member of the Faculty designated by him, will preside at this examination.

### THE EDUCATION GUILD

The Education Guild of The George Washington University is a group for advanced study and discussion established in 1935-36 to test

methods of greater freedom in preparing for the doctoral examination and of correlating the doctoral work more closely with the candidate's occupation.

Membership, at present restricted to twenty, is subject to invitation, and includes both men and women employed in Washington and the vicinity and known for their leadership in the classroom, in supervision, and in administration. Each member is under the guidance of a consultative committee and must satisfy all of the requirements for the degree of Doctor of Education. Attendance upon seminars is advised but is optional, since directed reading and personal conferences may take the place of the more formal seminar.



# THE SCHOOL OF GOVERNMENT

## THE FACULTY AND STAFF OF INSTRUCTIONS

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
William Crane Johnstone, Jr., Ph.D., *Dean of the School of Government*  
Arthur Edward Burns, Ph.D., *Assistant Dean of the School of Government*

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John Donaldson, Ph.D., *Professor of Political Economy*  
Richard Norman Owens, Ph.D., C.P.A., *Professor of Accounting and Business Administration*

Elmer Louis Kayser, Ph.D., *Professor of European History*  
Warren Reed West, Ph.D., *Professor of Political Science*  
Frank Mark Weida, Ph.D., *Professor of Statistics*  
Harold Griffith Sutton, M.S., *Professor of Finance*  
William Crane Johnstone, Jr., Ph.D., *Professor of Political Science*  
Ralph Dale Kennedy, Ph.D., *Professor of Accounting and Business Administration*

\*Wood Gray, Ph.D., *Professor of American History*  
Thelma Hunt, Ph.D., M.D., *Professor of Psychology*  
John Albert Tillema, Ph.D., LL.M., S.J.D., *Professor of Political Science*  
\*John Withrow Brewer, Ph.D., *Professor of International Law*  
James Christopher Corliss, A.M., *Adjunct Professor of Inter-American Economics*

Arthur Edward Burns, Ph.D., *Adjunct Professor of Economics*  
†Henry Furness Hubbard, Ph.D., *Adjunct Professor of Psychology*  
Wilford Lenfesty White, M.B.A., D.C.S., *Professorial Lecturer on Marketing*

Gerhard Colm, Dr. rer.pol., *Professorial Lecturer in Economics*  
Glendon John Mowitt, A.M., *Professorial Lecturer on Public Administration*

Arthur Smithies, LL.B., Ph.D., *Professorial Lecturer in Economics*

\*Edward Campion Acheson, Ph.D., *Associate Professor of Finance*  
\*Howard Maxwell Merriman, Ph.D., *Associate Professor of American Diplomatic History*

\* On war leave 1945-46.  
† On leave of absence 1945-46.  
‡ The President of the University, the Dean and Assistant Dean of the School, the Registrar of the University, the Director of Admissions of the University, Professors, Adjunct Professors, and Associate Professors constitute the Faculty.

Donald Stevenson Watson, Ph.D., *Associate Professor of Economics*  
 John Randolph Rigglesman, Ph.D., *Lecturer in Statistics*  
 Orton Wells Boyd, A.M., C.P.A., *Lecturer in Business Administration*  
 Arlin Rex Johnson, Ph.D., *Lecturer on Accounting*  
 Solomon Kullback, Ph.D., *Lecturer in Statistics*  
 Francis Colt deWolf, A.B., LL.B., *Lecturer on International Law*  
 Robert Carnell Sampson, A.M., *Lecturer on Public Personnel Administration*

## COMMITTEES\*

## THE DEAN'S COUNCIL†

1946

Donald Stevenson Watson  
 Arthur Edward Burns

1947

Ralph Dale Kennedy  
 Richard Norman Owens

1948

John Donaldson  
 Frank Mark Weida

## COMMITTEE ON ADMISSION AND ADVANCED STANDING

The Dean of the School, *Chairman*  
 Harold Griffith Sutton, *Secretary*

Ralph Dale Kennedy  
 Donald Stevenson Watson

Arthur Edward Burns  
 Frank Mark Weida

## GENERAL INFORMATION

## INTRODUCTORY

The George Washington University School of Jurisprudence and Diplomacy existed from 1898 to 1913, when it was discontinued as a separate school. The courses were given, however, in Columbian College until September 1928, when training in foreign service and governmental theory and administration was reestablished as a separate branch under the School of Government.

It is the purpose of the School to give the student an understanding of the responsibilities under the Constitution of the United States in the conduct of public office—domestic and foreign. This can be accomplished not through any single course but through a curriculum which correlates social, economic, political, historical, and psychological studies.

The courses in Public Administration train in the theory of and practice in local, state, and national positions. The courses in Foreign Ad-

\* The President of the University and the Dean of the School of Government are members *ex officio* of all committees.

† Elected by the Faculty.

fairs train the student for the many opportunities offered in the foreign fields to carry out the ideals for which America stands, not only in governmental work but in the much wider field of foreign trade as conducted by private enterprise in all parts of the world. This training fits the student especially to assist American citizens who have occasion to travel or to do business abroad, to understand their reciprocal rights and duties, and to protect them in these rights without infringing upon the rights of others, as well as to collect and report information concerning commercial conditions and opportunities abroad. The student thus gains an insight into international affairs from both the American and the foreign point of view, with a resultant broader understanding of economic and political problems.

#### REGULATIONS

*Students in the School of Government are subject to, and are expected to familiarize themselves with, the regulations concerning ADMISSION, REGISTRATION, FEES AND FINANCES as stated on pages 10-23, and the University regulations stated on pages 35-40.*

#### AMOUNT OF WORK

A full-time student not on probation may take ordinarily not more than seventeen credit hours. A student employed more than twenty-four hours a week, who is not on probation, may take not more than ten credit hours.

A full-time undergraduate student whose quality-point index is 3.50 or higher may take not more than nineteen credit hours. An undergraduate student employed more than twenty-four hours a week, whose quality-point index is 3.50 or higher, may take up to twelve credit hours.

Exceptions to these rules will require the approval of the Dean.

#### ATTENDANCE

The student is held responsible for all the work of the courses in which he is registered, and all absences must be excused by the instructor in charge before provision is made for him to make up the work missed.

#### CLASSIFICATION OF STUDENTS

A student who holds an Associate in Arts degree from the Junior College or the equivalent from another accredited institution, and who has registered his choice of one of the prescribed curricula at the Office of the Registrar, is classed as a *junior*. A student who has completed thirty credit hours in the School of Government is classed as a *senior*. A student who has satisfactorily completed the work for the Bachelor's degree, and who has registered his choice of one of the prescribed fields of study at the Office of the Registrar, is classed as a *master in course*.



## INDEPENDENT STUDY PLAN

Under the independent study plan a student of demonstrated capacity, with special interest in the subject matter of a course, may be permitted to undertake independent study under the personal direction of an instructor, in accordance with the rules of the division in which the subject falls. Credit under this plan is limited to the specific course-credits as designated in the list of courses of instruction in this CATALOGUE.

## THE DEGREE OF BACHELOR OF ARTS IN GOVERNMENT

Upon the satisfactory completion of the undergraduate requirements of the School of Government, the degree of Bachelor of Arts in Government, with a designation of the major field of study, is conferred. The major fields are Accounting, Business Administration, Foreign Affairs, and Statistics.

Students who have a special need for integrating courses from several departments or from more than one major field may request approval of a special major program by a faculty committee. The same rules and regulations will apply as in the regularly offered majors.

A student who has completed the required Junior College work and thirty hours in the School of Government, with a quality-point index of 2.00 or higher, in any of the undergraduate curricula, may be admitted to the Law School, and upon completing the work of the first year in law with an average of *C* or higher, may upon recommendation of the Dean of the Law School, be granted the degree of Bachelor of Arts in Government. Students who intend to follow this plan must signify their intention in advance with the Dean of the School of Government and all courses must be approved.

## REQUIREMENTS FOR THE DEGREE

## SCHOLARSHIP

The system of grading and of computing scholarship is described in detail on pages 35 and 36.

In order to graduate, a student must have the following: (1) a quality-point index in all of his work of at least 2.00, and (2) a quality-point index of at least 2.50 in his major, normally forty-five to forty-eight credit hours in work of the third and fourth years.

*Probation.*—A student must maintain a quality-point index of at least 2.00, or be placed on probation, where he will remain as long as his quality-point index is below 2.00.

*Suspension.*—A student who has a quality-point index below 1.00 or who is placed on probation for a third term, whether successive or after an interval, will be suspended.

For the purpose of these rules, the summer sessions are considered a term.

A student suspended for poor scholarship may apply for readmission after an interval of a calendar year. He must then submit evidence to the Committee on Admission and Advanced Standing that during his absence from the University he has so conducted himself as to indicate that he will profit by readmission. A student suspended twice for poor scholarship will not be readmitted.

A student with a limited schedule is affected by the foregoing scholarship rules only when he has undertaken fifteen credit hours.

### CURRICULUM REQUIREMENTS

For recommendation for graduation the School of Government requires, in addition to the appropriate Junior College work (see page 17 and table facing page 57), a minimum of sixty credit hours during the junior and senior college years, as set forth in one of the following curricula.

Foreign Affairs		Credit Hours
Econ. 170.....	Economic Geography .....	3
Econ. 181-82....	International Economics .....	6
Hist. 181-82....	Diplomatic History of the United States.....	6
Pol. Sc. 171....	International Politics and Organization.....	3
Pol. Sc. 181....	International Law.....	3
Language .....	Advanced Composition and Conversation.....	6
Group Option....	(To be selected from one of the following groups).....	21
Electives .....	(To be selected with the approval of the adviser).....	12
Total.....		60

#### Group I—Political Relations

*History.*—(130) Nationalism, (141) Africa and Europe in the Nineteenth and Twentieth Centuries, (142) Asia and the Western World in the Nineteenth and Twentieth Centuries, (145) International Relations, 1919-1945, (148) The Second World War and Reconstruction.

*Political Science.*—(111-12) The Governments of Europe, (117) Political Theory, (130) Maritime Law, (172) Postwar Problems of International Politics and Organization.

#### Group II—Economic Relations

*Business Administration.*—(185-86) Principles of Transportation.  
*Economics.*—(101) Economic Theory, (121-22) Money and Banking, (126) Foreign Exchange and International Finance, (166) Comparative Systems of Economic Reform, (183) Tariffs and Commercial Treaties, (184) The New Foreign Economic Policies, (190) International Economic Reconstruction.

*History.*—(147) Economic History of Europe.  
*Statistics.*—(101-2) Principles of Statistics, (107-8) Social Science Statistics, (118) Analysis of Covariance.

## Group III—Area or Regional Interests

*Economics.*—(185-86) Economic History and Problems of South America, (187-88) Economic History and Problems of the Caribbean Area, (191-92) Contemporary Banking, Currency, and Exchange in Latin America.

*History.*—(143) Modern Europe, 1815-1914, (144) Europe since 1914, (149) European Diplomatic History, (151-52) English History, (161-62) Hispanic American Civilization, (165) The United States and Latin America, (167-68) Latin American and Inter-American Problems.

*Political Science.*—(192) The Near East: Politics and Government, (193) Far Eastern Governments: China, India, Japan, and Colonial Dependencies, (194) Far Eastern Politics: Contemporary International Relations in the Pacific Area.

Accounting		Credit Hours
Bus. Adm. 115.....	Business Finance.....	3
Bus. Adm. 145.....	Cost Accounting.....	3
Bus. Adm. 151-52.....	Advanced Accounting .....	6
Bus. Adm. 155.....	Analysis of Financial Statements.....	3
Bus. Adm. 165.....	Auditing .....	3
Bus. Adm. 182.....	Public Utilities.....	3
Econ. 121-22.....	Money and Banking.....	6
Pol. Sc. 127, 128, 129...	Commercial Law.....	9
Curriculum Electives....	(To be selected from the following group).....	9
Electives .....	(To be selected with the approval of the adviser)...	15
Total.....		60

## Curriculum Electives

*Business Administration.*—(101-2) Business Organization and Management, (128) Principles of Insurance, (131) Principles of Budgetary Control, (159) Federal Taxation, (160) Federal Accounting, (171) Principles of Marketing.

*Statistics.*—(101-2) Principles of Statistics.

Business Administration		Credit Hours
Bus. Adm. 101-2.....	Business Organization and Management.....	6
Bus. Adm. 115.....	Business Finance.....	3
Bus. Adm. 118.....	Investments .....	3
Bus. Adm. 128.....	Principles of Insurance.....	3
Bus. Adm. 171.....	Principles of Marketing.....	3
Bus. Adm. 185.....	Principles of Railroad Transportation.....	3
Bus. Adm. 186.....	Principles of Highway, Air, and Water Transportation.....	3
Econ. 121-22.....	Money and Banking.....	6
Pol. Sc. 127, 128.....	Commercial Law.....	6
Curriculum Electives....	(To be selected from the following group).....	9
Electives .....	(To be selected with the approval of the adviser)...	15
Total.....		60

## Curriculum Electives

*Business Administration.*—(121) Bank Management, (127) Business Forecasting, (145) Cost Accounting, (151-52) Advanced Accounting, (155) Analysis of Financial Statements, (159) Federal Taxation, (172) Marketing Problems, (177-78) Problems of Retailing, (182) Public Utilities.

*Economics.*—(101) Economic Theory.

*Statistics.*—(101-2) Principles of Statistics.



## Statistics

Stat. 101-2.....Principles of Statistics.....	6
Stat. 117.....Analysis of Variance.....	3
Stat. 157-58...Intermediate Theoretical Statistics.....	6
Stat. 199-200...Proseminar: Theoretical and Applied Statistics.....	6
Group Option...(To be selected from one of the following groups).....	24
Electives .....(To be selected with the approval of the adviser).....	15

## Group I—Social Science Statistics

*Business Administration.*—(101-2) Business Organization and Management, (127) Business Forecasting, (151-52) Advanced Accounting, (182) Public Utilities, (189-86) Principles of Transportation.

*Economics.*—(101) Economic Theory, (105) Economic Fluctuations, (121-22) Money and Banking, (140) Occupational Trends, (141) Labor Economics, (161-62) Public Finance and Taxation, (181-82) International Economics.

*Statistics.*—(105\*) Statistical Charts and Graphs, (106\*) Mechanical Tabulation, (107-8\*) Social Science Statistics, (111\*) Applied Sampling, (112\*) Organization and Management in Statistical Work, (118\*) Analysis of Covariance.

## Group II—Educational and Psychological Statistics

*Psychology.*—(121) Educational Psychology, (125) Child Psychology, (127) Occupational and Industrial Information, (129) Educational and Vocational Guidance, (131\*) Psychological Tests, (132) Individual Psychological Testing, (134\*) Educational and Psychological Measurements, (191-92) Experimental Psychology.

*Statistics.*—(111\*) Applied Sampling, (112\*) Organization and Management in Statistical Work, (118\*) Analysis of Covariance, (131\*) Statistics in Psychology and Education.

## Group III—Statistics in the Biological and Physical Sciences

*Biology.*—(107-8\*) Evolution, (127-28\*) Genetics, (137-38) General Physiology.

*Chemistry.*—(122) Advanced Quantitative Analysis, (156) Qualitative Organic Analysis.

*Mathematics.*—(123) Theory of Equations, (125) Advanced Algebra, (126) Advanced Analytic Geometry, (132) Differential Equations, (138) Advanced Calculus, (142) Infinite Series.

*Physics.*—(143-44) Modern Experimental Physics, (155) Advanced Physical Measurements.

*Statistics.*—(111\*) Applied Sampling, (112\*) Organization and Management in Statistical Work, (141\*) Statistics in the Sciences.

## EXAMINATIONS FOR WAIVING CURRICULUM REQUIREMENTS

A student desiring to omit a required course may take such examination as the department prescribes, and, on passing satisfactorily, he may be relieved of the curriculum requirement in that subject and may qual-

\* Required of all students selecting this major field.

ify for registration in an advanced course. Passing of this examination does not entitle the student to any hours of credit toward the degree. A student desiring to take such examinations should make the request of the Dean and pay the required fee.

The candidate for the Master's degree who is deficient in undergraduate preparation may take a comprehensive examination on his undergraduate major field. Passing of this examination entitles the student to admission without taking specific courses to make up his deficiencies.

#### THE DEGREE OF MASTER OF ARTS IN GOVERNMENT

Upon the satisfactory completion of the graduate requirements of the School of Government, the degree of Master of Arts in Government, with a designation of the major field of study, is conferred. The major fields are Accounting, Business Administration, Business and Government Statistics, Foreign Affairs, Government and Economic Policy, Public Administration, Public Personnel Administration, and Occupational Counseling.

Students who have a special need for integrating courses from two or more of the major fields of concentration for the Master's degree may request a special major program by a faculty committee. All rules and regulations for the Master's degree will apply to such special programs.

#### ADMISSION TO CANDIDACY

A student is formally recognized as a candidate for the Master's degree only when his application for candidacy has been approved by the Dean. Application is made on a form obtainable at the Office of the Registrar.

Before being admitted to candidacy for the major in Foreign Affairs the student must show a reading knowledge (certified by the appropriate language department) of at least one modern foreign language, to be approved by the Dean. Examinations in modern foreign languages will be given on the dates specified in the University calendar.

#### REQUIREMENTS FOR THE DEGREE

A minimum of thirty credit hours of work, as outlined in the curricula on pages 123-25, must be completed successfully. Variations from these curricula require the permission of the Dean.

Not more than twelve credit hours of work may be taken in another professional school, and work so taken cannot be counted toward degrees in both schools. No part of the minimum requirement may be taken in any other institution.

A second-group course (numbered 101-200), taken either in the undergraduate or graduate years, may be counted toward the Master's degree only when registration for advanced credit has been approved at the beginning of the course by the Dean and by the officer of instruction, and provided that the student has done such extra work in the course as may be prescribed by the instructor.

Work completed more than three years prior to registration for the Master's degree will be counted only if the candidate successfully passes an examination on the subject matter of the work offered for credit.

In addition to the course examinations, the candidate must pass a comprehensive written examination in his major field. An oral examination on his thesis may also be required.

No work counted toward a Bachelor's degree may be counted toward a Master's degree.

A student working toward the Master's degree and at the same time completing an undergraduate major must have a quality-point index of 2.50 or higher in the courses undertaken as part of his undergraduate-major program.

A student who expects to continue his studies for the degree of Doctor of Philosophy after receiving the Master's degree will be assisted to plan his program so that he can qualify for admission to candidacy for the Doctorate.

#### RESIDENCE

No credit is granted for work done in absentia, i.e., without formal instruction, except for the thesis, which may be completed in absentia with the permission of the department concerned.

#### SCHOLARSHIP

A student whose scholarship is unsatisfactory may be suspended by the Dean. Regarding the system of grading, see pages 35 and 36.

#### CURRICULUM REQUIREMENTS

A normal program includes a minimum of twenty-four credit hours of course work and the thesis (six credit hours), to be selected from the courses listed under the chosen major field, and such other courses as may be necessary. All programs must be approved by the Faculty adviser and the Dean (see requirements for the degree pages 126-31).

#### Foreign Affairs

Econ. 281.....	Theories of International Economics
Econ. 282.....	The Balance of International Payments
Econ. 283-84.....	Research in International Economics
Econ. 285-86.....	Public and Private Finance in Latin America
Econ. 287-88.....	Economic Problems of Latin America
Econ. 289.....	Problems in International Financial Policy



- Econ. 290.....Problems in International Economic Policy
- \*Econ. 292.....International Economic Organization
- Hist. 241-42.....Seminar in Modern European History
- Hist. 281-82.....Seminar in the History of the Americas
- \*Pol. Sc. 271.....Seminar: International Political Organization
- Pol. Sc. 272.....Seminar: Population and World Politics
- Pol. Sc. 273.....Seminar: International Administration
- Pol. Sc. 274.....Seminar: Objectives and Methods of Foreign Policy
- Pol. Sc. 281-82.....Seminar: International Law and Relations
- Pol. Sc. 293.....Seminar: International Politics in the Pacific Area
- Pol. Sc. 294.....Seminar: Governments in the Pacific Area
- \*Pol. Sc. 299-300.....Thesis

#### UNDERGRADUATE PREREQUISITE

A Bachelor's degree with a major in Foreign Affairs, or the equivalent, is required. (See "Foreign Affairs", pages 123 and 124.)

#### Government and Economic Policy

- Econ. 201-02.....History and Literature of Economic Thought
- Econ. 204.....Contemporary Economic Theory
- \*Econ. 206.....Theory of Employment and Income
- Econ. 225.....Economic Stabilization Policies
- Econ. 242.....Labor and Social Economics
- Econ. 244.....Labor Relations
- \*Econ. 261.....Problems of Fiscal Policy
- \*Econ. 265.....Theory of Economic Policy
- Econ. 270.....Institutional Framework of Economic Policy
- Econ. 272.....Interest Groups and Economic Policy
- \*Econ. 297-98.....Thesis (School of Government majors)
- Pol. Sc. 209-10.....Seminar: Congress and the President

#### UNDERGRADUATE PREREQUISITE

A Bachelor's degree with a major in Economics and the following courses, or the equivalent, is required.

*Economics.*—(101) Economic Theory, (105) Economic Fluctuations, (121-22) Money and Banking, (161-62) Public Finance and Taxation, (165) Government Control of Economic Activity.

*Political Science.*—(121-22) The Constitution of the United States.

*Statistics.*—(101-2) Principles of Statistics.

(See requirements for admission, page 17.)

#### Public Administration

- Econ. 225.....Economic Stabilization Policies
- Econ. 244.....Labor Relations
- Econ. 265.....Theory of Economic Policy
- Econ. 270.....Institutional Framework of Economic Policy
- Econ. 272.....Interest Groups and Economic Policy
- Pol. Sc. 209-10.....Seminar: Congress and the President

\* Required of all students selecting this major field.

- Pol. Sc. 241.....Personnel Management and General Administration in the Operating Agency
- \*Pol. Sc. 242.....Functions of a Departmental Personnel Office
- Pol. Sc. 243.....Supervision and Personnel Management
- Pol. Sc. 244.....The Employee and Public Service
- \*Pol. Sc. 251.....Seminar: Problems of Governmental Organization
- \*Pol. Sc. 252.....Seminar: Governmental Budgeting
- Pol. Sc. 253.....Seminar: Budgetary Controls of Government Management
- \*Pol. Sc. 254.....Seminar: Progress Reporting and Governmental Management
- \*Pol. Sc. 299-300.....Thesis

#### UNDERGRADUATE PREREQUISITE

A Bachelor's degree with a major in Political Science and the following courses, or the equivalent, is required.

- Business Administration*.—(101-2) Business Organization and Management.
  - Economics*.—(161-62) Public Finance and Taxation.
  - Political Science*.—(117) Political Theory, (121-22) The Constitution of the United States, (151-52) Public Administration.
  - Statistics*.—(101-2) Principles of Statistics.
- (See requirements for admission, page 17.)

#### Business and Government Statistics

- \*Statistics 201-2.....Logic of Statistics
  - \*Statistics 203-4.....Business and Government Statistics
  - \*Statistics 297-98.....Seminar: Reading and Research
  - \*Statistics 299-300.....Thesis
- Six hours to be selected from graduate courses offered in the departments of Business Administration, Economics, Political Science, and Statistics.

#### UNDERGRADUATE PREREQUISITE

A Bachelor's degree with a major in Statistics, or the equivalent, is required. (See "Statistics", page 125.)

#### Accounting

- \*Bus. Adm. 215.....Corporate Financial Policy
- \*Bus. Adm. 251-52.....Seminar in Accounting
- \*Bus. Adm. 260.....Advanced Federal Accounting
- \*Bus. Adm. 268.....Accounting Theory and Problems
- \*Bus. Adm. 291-92.....Seminar in Business Administration
- \*Bus. Adm. 299-300.....Thesis
- Pol. Sc. 253.....Seminar: Budgetary Controls of Government Management

#### UNDERGRADUATE PREREQUISITE

A Bachelor's degree with a major in Accounting, or the equivalent, is required. (See "Accounting", page 124.)

\* Required of all students selecting this major field.

## Business Administration

- \*Bus. Adm. 215.....Corporate Financial Policy
- Bus. Adm. 268.....Accounting Theory and Problems
- Bus. Adm. 285-86.....Seminar in Transportation and Public Utilities
- \*Bus. Adm. 291-92.....Seminar in Business Administration
- \*Bus. Adm. 299-300.....Thesis
- Pol. Sc. 253.....Seminar: Budgetary Controls of Government Management

## UNDERGRADUATE PREREQUISITE

A Bachelor's degree with a major in Business Administration, or the equivalent, is required. (See "Business Administration", page 124.)

## Public Personnel Administration

- Econ. 242.....Labor and Social Economics
- Econ. 244.....Labor Relations
- Pol. Sc. 209-10.....Seminar: Congress and the President
- \*Pol. Sc. 241.....Personnel Management and General Administration in the Operating Agency
- \*Pol. Sc. 242.....Functions of a Departmental Personnel Office
- \*Pol. Sc. 243.....Supervision and Personnel Management
- \*Pol. Sc. 244.....The Employee and Public Service
- \*Pol. Sc. 251.....Seminar: Problems of Governmental Organization
- Pol. Sc. 254.....Seminar: Progress Reporting and Governmental Management
- \*Pol. Sc. 299-300.....Thesis
- Psych. 227.....Seminar: Techniques of Counseling
- Psych. 230.....Seminar: Educational and Vocational Guidance
- \*Psych. 231.....Seminar: Test Construction
- Psych. 232.....Research: Test Construction
- Psych. 255.....Seminar: Techniques of Opinion and Attitude Measurement
- Stat. 297-98.....Reading and Research

NOTE: Courses numbered below 200 may be taken for graduate credit by special permission.

## UNDERGRADUATE PREREQUISITE

A Bachelor's degree with a major in Political Science or Psychology and the following courses, or the equivalent, is required.

*Political Science.*—(121-22) The Constitution of the United States, (151-52) Public Administration.

*Psychology.*—(131) Psychological Tests, (143-44) Public Personnel Psychology, (151) Social Psychology.

*Statistics.*—(101-2) Principles of Statistics, (131) Statistics in Psychology and Education.

(See requirements for admission, page 17.)

\* Required of all students selecting this major field.



## Vocational Counseling

- Econ. 242.....Labor and Social Economics  
 Econ. 244.....Labor Relations  
 Psych. 203-4.....Research in Psychology  
 \*Psych. 225.....Community Agencies and Counseling  
 \*Psych. 227.....Seminar: Techniques of Counseling  
 \*Psych. 230.....Seminar: Educational and Vocational Guidance  
 \*Psych. 231.....Seminar: Test Construction  
 \*Psych. 233.....Seminar: Occupational Analysis Methods  
 \*Psych. 299-300.....Thesis (in counseling)  
 Pol. Sc. 241.....Personnel Management and General Administration in the Operating Agency  
 Pol. Sc. 242.....Functions of a Departmental Personnel Office  
 Pol. Sc. 244.....The Employee and Public Service  
 Pol. Sc. 251.....Seminar: Problems of Governmental Organization  
 Stat. 297-98.....Seminar: Reading and Research

NOTE: Courses numbered below 200 may be taken for graduate credit by special permission.

## UNDERGRADUATE PREREQUISITE

A Bachelor's degree with a major in Psychology or Sociology and the following courses, or the equivalent, is required.

*Business Administration*.—(101-2) Business Organization and Management

OR  
*Political Science*.—(151-52) Public Administration.

*Psychology*.—(116) Abnormal Psychology, (121) Educational Psychology, (129) Educational and Vocational Guidance.

## THE THESIS

The thesis must be registered for not later than the beginning of the final year, unless the professor in charge of the thesis permits registration at the beginning of the final term. The choice of the thesis subject must be approved by the professor in charge and recorded in the Office of the Registrar by the date announced in the University calendar. The typewritten thesis in its final form must have the approval of the professor in charge and must be presented to the Dean by the student not later than the date announced in the University calendar. Requirements in regard to the form of the thesis are stated on page 39, and additional information will be supplied by the Dean.

Payment of tuition for the thesis entitles the candidate, during the academic year of registration, to the advice and direction of the member of the Faculty under whom the thesis is to be written. In case a thesis is unfinished, an additional successive academic year is granted without further tuition payment. If the preparation of the thesis extends beyond the two-year period, it must be registered for again, and tuition paid on the same basis as for a repeated course.

\* Required of all students selecting this major field.

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Elmer Louis Kayser, Ph.D., *Dean of the Division of University Students*

Arthur Edward Burns                      Francis Edgar Johnston  
Maurice Hart Van Horn

## INTRODUCTORY

## REGULATIONS

### TRANSFER TO REGULAR STATUS

\* The President of the University and the Dean of the Division of University Students are members ex officio of the council.

## THE DIVISION OF SPECIAL STUDENTS

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Warren Reed West, Ph.D., *Dean of the Division of Special Students*

### THE DEAN'S COUNCIL\*

Carl Hugo Walther

Thelma Hunt

Fred Salisbury Tupper

### GENERAL INFORMATION

#### INTRODUCTORY

The Division of Special Students was organized in 1944. To this Division may be admitted students who are in the process of qualifying for degree candidacy. Students in this Division are designated "Special Students".

#### REGULATIONS

*Students in the Division of Special Students are subject to, and are expected to familiarize themselves with, the regulations concerning ADMISSION, REGISTRATION, FEES AND FINANCES stated on pages 10-23, and the University regulations stated on pages 35-40.*

#### SCHOLARSHIP

The system of grading and computing scholarship is described in detail on pages 35 and 36.

*Probation.*—A student must maintain a quality-point index of at least 2.00, or be placed on probation. The case of each student who has a quality-point index between 1.50 and 2.00, however, will be considered individually. A student will remain on probation as long as his quality-point index is below 2.00, or until his probation is removed.

*Suspension.*—A student who has a total quality-point index below 1.50 will be suspended. The case of each student having a total quality-point index between 1.35 and 1.50, however, will be considered individually.

A student who is placed on probation for the third term, whether successive or after an interval, will be suspended.

A student suspended for poor scholarship may apply for readmission after an interval of a calendar year. He must then submit evidence that

\* The President of the University and the Dean of the Division of Special Students are members ex officio of the council.



during his absence from the University he has so conducted himself as to indicate that he will profit by readmission. A student suspended twice for poor scholarship will not be readmitted.

For the purpose of these rules, the summer sessions are considered a term.

The foregoing scholarship rules are applied to a student with a limited schedule only when he has undertaken a minimum of fifteen credit hours.

#### AMOUNT OF WORK

A full-time student not on probation may take ordinarily not more than seventeen credit hours. A student employed more than twenty-four hours a week, who is not on probation, may take not more than ten credit hours.

A full-time undergraduate student whose quality-point index is 3.50 or higher may take not more than nineteen credit hours. An undergraduate student employed more than twenty-four hours a week, whose quality-point index is 3.50 or higher, may take up to twelve credit hours.

Further, in each individual case, the schedule will be reduced when it is deemed advisable.

Exceptions to these rules will require the approval of the Dean.

#### TRANSFER TO REGULAR STATUS

A "Special student" may be transferred to another college or school of the University only upon meeting the requirements set in his case when he was admitted to the Division of Special Students and upon complying with the regulations of the specific college or school to which he wishes to transfer. The student should familiarize himself with the regulations printed in the University CATALOGUE concerning admission, residence, amount and quality of work. Specifically, he should note that in some cases not more than thirty (30) hours of credit may be transferred from this Division; that at least the last thirty (30) credit hours must be spent in residence in the college or school granting the degree; and that a general quality-point index of 2.00 must be maintained, with an index of 2.50 in the major.

## THE DIVISION OF EXTENSION

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
Sidney Bartlett Hall, A.M., Ed.D., LL.D., *Director of Extension*

### GENERAL INFORMATION

The Division of Extension was established in 1941 in order to extend the opportunity for the study of accredited University courses to groups of people in Washington, Virginia, West Virginia, and Maryland who are unable to come to the campus, and to provide special cultural and technical courses, not included in the regular University courses of study, which are taught on the campus or elsewhere, in accordance with the convenience of the individuals concerned. Many of these special courses do not carry credit toward degrees.

The credit courses, which may be applied toward degrees, are conducted in accordance with the existing rules and regulations of the University as to content, examinations, hours, and credits.

The calendar of the Division of Extension is not regulated by the calendar for the other divisions of the University. Arrangements for courses may be made at any time by a sufficiently large group.

Special attention is given to the needs of the various departments of the Federal Government for inservice training of employees and for the training of prospective employees.

Courses in methods and subject matter are offered for groups of teachers; French, Spanish, Russian, Japanese, and Chinese courses are offered for those interested in languages; courses in modern drama, current American literature, music appreciation, etc., are offered for study groups connected with clubs.

Detailed information may be obtained by consulting the Director of the Division of Extension.

## THE INTER-AMERICAN CENTER

Cloyd Heck Marvin, Ph.D., LL.D., *President of the University*  
George Howland Cox, *Director of the Inter-American Center*

### COUNCIL

William Cabell Van Vleck, A.B., LL.B., S.J.D., *Professor of Law*  
Henry Grattan Doyle, A.M., *Professor of Romance Languages*  
Walter Andrew Bloedorn, A.M., M.D., *Professor of Medicine*  
Robert Whitney Bolwell, Ph.D., *Professor of American Literature*  
Elmer Louis Kayser, Ph.D., *Professor of European History*  
William Crane Johnstone, Jr., Ph.D., *Professor of Political Science*  
Frederick Morris Feiker, B.S. in E.E., D.Eng., *Professor of Engineering Administration*  
\*Wood Gray, Ph.D., *Professor of American History*  
Christopher Browne Garnett, Ph.D., Litt.D., *Elton Professor of Philosophy*  
James Christopher Corliss, A.M., *Adjunct Professor of Inter-American Economics*  
Alan Thomas Deibert, A.M., *Associate Professor of Romance Languages*  
\*Edward Campion Acheson, Ph.D., *Associate Professor of Finance*  
Antonio Alonso, A.M., *Associate Professor of Spanish*

Because of its situation in the National Capitol, The George Washington University is able to offer certain types of academic work and to promote and foster conferences, publications, and studies which profit especially by the resources of the Federal Government, the Library of Congress, the Pan American Union, the various embassies and legations, and other institutions located in Washington. Particularly do these advantages apply to work concerning the nations of the Americas. It is intended that the Center shall take advantage of these manifold opportunities, not only by facilitating the offering of regularly constituted courses and special lectures, but also by encouraging directed research and scholarly and informational publications in the broad field of Inter-American relations.

### INTER-AMERICAN CENTER ACTIVITIES

Lecture series on Pan American problems—for University students; open to the public. (See History 167-68 below.)

Lecture series on Pan American affairs for high school students.

\* On war leave 1945-46.



Lecture series for high school teachers—covering points discussed in student series with greater detail.

Pan American Conference for high school students, January 16, 1946.

Pan American Day Program, April 12, 1946.

Speaker Service—speakers on Latin American and Inter-American affairs supplied on request.

Latin American Exhibit—exhibit of Latin American arts, crafts, etc., as arranged each month by the United States Office of Education.

### COURSES ON INTER-AMERICAN SUBJECTS

#### ECONOMICS

- 185-86 Economic History and Problems of South America (3-3)
- 187-88 Economic History and Problems of the Caribbean Area (3-3)
- 190 International Economic Reconstruction (3)
- 191-92 Contemporary Banking, Currency, and Exchange in Latin America (3-3)
- 193-94 Proseminar in Hispanic American Civilization and Culture (3-3)
- 285-86 Public and Private Finance in Latin America (3-3)
- 287-88 Economic Problems of Latin America (3-3)

#### HISTORY

- 161-62 Hispanic American Civilization (3-3)
- 167-68 Latin American and Inter-American Problems (2-2)
- 281-82 Seminar in the History of the Americas (3-3)

#### ROMANCE LANGUAGES

- 1-2 First-year Spanish (3-3)
- 5-6 Second-year Spanish (3-3)
- 109-10 Spanish Conversation and Composition (3-3)
- 125-26 Modern Spanish Literature (3-3)
- 129-30 The Spanish American Novel (3-3)
- 137-38 Spanish American Literature: South America (3-3)
- 139-40 Spanish American Literature: The Caribbean Area (3-3)
- 227-28 Seminar in Spanish American Literature (3-3)
- 1-2 First-year Portuguese (3-3)
- 5-6 Second-year Portuguese (3-3)
- 127-28 Portuguese and Brazilian Literature (2-2)

## THE SUMMER SESSIONS

1945

The George Washington University is continuing, during the National Emergency, the accelerated program started in 1942. The summer term, which is made up of two seven and one-half week sessions, is the equivalent of the fall or winter term of the academic year and is similarly administered. Students may enter the Summer Sessions at the beginning of either session.

During the summer of 1945, courses are offered in the Junior College, Columbian College (the senior college), the School of Medicine, the Law School, the School of Education, and the School of Government.

Students in the School of Engineering and the School of Pharmacy have the opportunity of taking, during the summer, many of their required and elective courses offered in the Junior College and Columbian College curricula.

For a complete statement concerning summer-term work, see the Summer Sessions catalogue and the separate bulletins of the schools of Medicine and Law.

## EDUCATION OF VETERANS

The George Washington University is cooperating with the educational program for veterans by making its resources available to men and women honorably discharged from the services. Veterans will not be placed in any special group but will attend as individuals with all the rights and privileges granted any student. The veteran will be offered special advisory service, and in some cases the University may make exceptions to its customary entrance regulations.

### THE "G.I. BILL"

Most of the veterans attending The George Washington University will be eligible for benefits under the Servicemen's Readjustment Act of 1944, popularly called the "G.I. Bill of Rights". All instructional costs of attending the University, including tuition, University fees, laboratory fees, books, and supplies, are provided for under the provisions of this bill. Eligible veterans undertaking full-time programs are also entitled to a subsistence allowance of \$50 a month if single and \$75 a month if married. Veterans eligible for rehabilitation training are entitled to all of the above benefits plus a larger subsistence allowance.

Veterans who wish to attend the University with these benefits should communicate with the Veterans' Administration, 300 Indiana Avenue, Washington 25, D. C., or with the Director of Veterans' Education at the University. The University invites inquiries from those in the services who wish to plan their postwar education.

### ACCELERATED PROGRAM

Veterans who wish to complete the regular four-year course in three years can do so by attending summer sessions. Beginning courses in many subjects are offered in each academic session, so that a student can conveniently enter the University in September, February, or June.

### ENTRANCE

Veterans who wish to apply for admission should follow the entrance procedure outlined on pages 10-12 of this Catalogue. They should submit written transcripts covering service courses as well as civilian academic credentials. Under special circumstances, veterans will be allowed to enter the University without having the usual entrance requirements. *Inquiries regarding admission should be addressed to the Director of Admissions.*



### REVIEW COURSES

Veterans who wish to take advantage of the opportunity for college education provided by the government but whose background and training do not meet the college requirements may take review courses in pre-college English and mathematics at the University.

### ACADEMIC CREDIT FOR SERVICE COURSES

Academic credit is given for training courses of college level offered by branches of the service such as the Armed Forces Institute, the Army Specialized Training Program, and the Navy College Training Program—V-12. Veterans desiring evaluation of such work should forward their official transcripts to the Director of Admissions.

### COUNSELING SERVICE

In addition to its regular advisory system, The George Washington University has established a Veterans' Education Office for veterans desiring information or help concerning academic matters.

The Washington Counseling Center, recently established by the University offers educational and vocational counseling, advice on social and personal problems, a psychometric service in tests and measurements, and occupational and training-opportunity information.

### SCHOLARSHIPS AND EMPLOYMENT

The University offers a number of scholarships to veterans as well as to other students. There are many opportunities for part-time employment on the University campus. In addition, with the great number of government and private offices, Washington offers students unusual full and part-time employment opportunities in fields often closely allied with the student's major interest. Assistance in finding full or part-time employment is given by the University Placement Office.

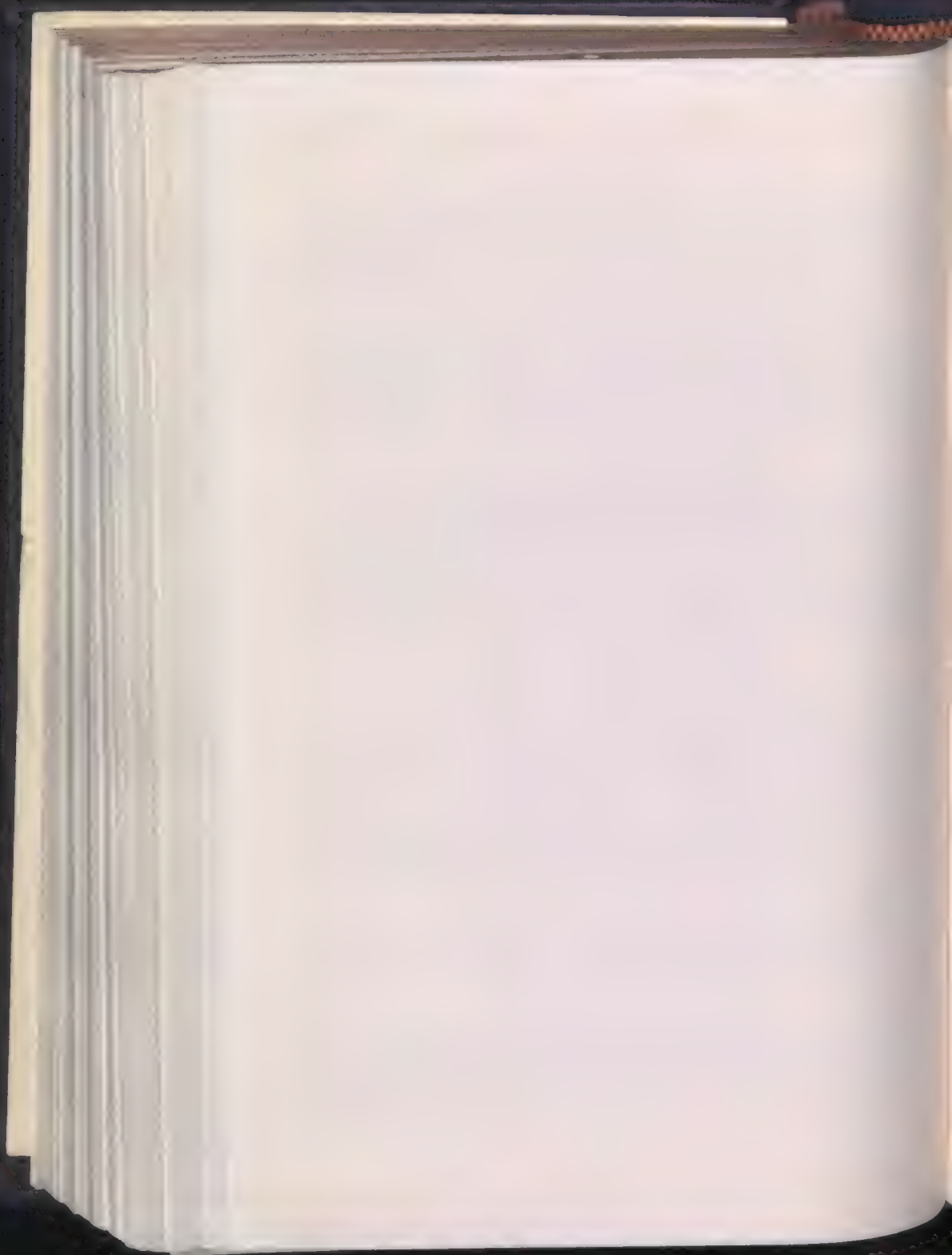
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Veterans are advised not to plan entrance at The George Washington University unless their incomes will enable them to complete at least one term without resorting to outside employment.

### BULLETIN FOR VETERANS

The special bulletin on veterans' educational opportunities at The George Washington University may be obtained from the Director of Veterans' Education.

COURSES OF INSTRUCTION





## COURSES OF INSTRUCTION

On the following pages of this CATALOGUE, under the alphabetically arranged names of the departments of instruction, are listed the courses of instruction offered by the University in the summer of 1945 and in the academic year 1945-46. The courses as here listed are subject to some slight change. The University reserves the right to withdraw any course announced.

### HOURS OF INSTRUCTION

Courses of instruction are scheduled in the morning and early afternoon hours for full-time students.

In addition, there are late-afternoon sections of most of the courses of instruction, scheduled from 5:10 to 9:10 P.M. These classes are identical with the morning sections of the corresponding courses, are taught by the same instructors, and carry the same amount of credit. By taking the late-afternoon and summer classes and extending the time of study beyond the customary four years, a student who is able to give only part of his time to college work may complete a regular curriculum and obtain a degree.

### EXPLANATION OF COURSE NUMBERS

*An odd number preceding the name of the course indicates that the course is offered in the fall term; an even number, that it is offered in the winter term; and a double number (157-58), that it begins in the fall term and continues in the winter term.* The letter "x" following an odd course number (e.g., 21x) indicates that the course, normally offered in the fall term, is given in the winter term. The letter "x" following an even course number (e.g., 22x) indicates that the course, normally offered in the winter term, is given in the fall term.

In the departments of the School of Medicine, first-year courses are numbered from 101 to 200; second-year courses, from 201 to 300; third-year courses, from 301 to 400; and fourth-year courses, from 401 to 500.

In the Law School, first-year courses are numbered from 101 to 200; second-year courses, from 201 to 300; third-year courses, from 301 to 400; and graduate courses, from 401 to 500.

In all other schools and colleges the following system of numbering is used:

*First-group courses.*—Courses numbered from 1 to 100, are planned for students in the freshman and sophomore years. With the approval of the adviser and the dean, they may also be taken by juniors and seniors. In certain instances, they may be taken by graduate students to make up

undergraduate deficiencies or as prerequisite to advanced courses, but they may not be credited toward a higher degree.

*Second-group courses.*—Courses numbered from 101 to 200, are planned for students in the junior and senior years. They may be credited toward higher degrees only when registration for graduate credit has been approved at the beginning of the course by the dean responsible for the graduate work and by the officer of instruction, and when the completion of additional work has been certified by the officer of instruction.

*Third-group courses.*—Courses numbered from 201 to 300, are planned primarily for graduate students. They are open, with the approval of the officer of instruction, to qualified seniors; they are not open to Junior College students or other undergraduates.

#### INDICATION OF THE AMOUNT OF CREDIT

The number of credit hours given for the satisfactory completion of a course is, in most cases, indicated in parentheses after the name of the course. Thus, a year course giving three hours of credit each term is marked (3-3), and a term course giving three hours of credit is marked (3). A credit hour usually consists of the completion of one fifty-minute period of class work or of one laboratory period a week for one term.

A dagger (†) preceding the number of a year course indicates that the course may not be entered in the second term and that credit will not be given until the work of both terms has been completed.

## ANATOMY

Claude Matthews McFall, LL.B., Ph.D., *Professor of Anatomy, Executive Officer*

Ira Rockwood Telford, Ph.D., *Assistant Professor of Anatomy*

Paul Calabrisi, A.M., *Assistant Professor of Anatomy*

101 *Gross Anatomy* McFall and Staff

Instruction in osteology, followed by the careful dissection and study of the entire body. Fifteen hours a week.

103 *Histology and Embryology* The Staff

The histogenesis and microscopic structure of the tissues and organs of the human body. Twelve hours a week.

104 *Neuro-Anatomy* The Staff

Fifteen hours a week.

203-4 *Research* The Staff

Hours and credits to be arranged.



## ART

Norris Ingersoll Crandall, M.Arch., *Professor of Art, Executive Officer*  
\*Donald Chenoweth Kline, B.Arch., *Associate Professor of Art*

### STAFF IN THE CORCORAN SCHOOL OF ART

Richard Lahey, *Professor of Drawing and Painting, Principal*  
Eugen Weisz, *Professor of Drawing and Painting, Vice Principal*  
Edmund Archer, *Professor of Drawing and Painting*  
Aurelius Battaglia, *Professor of Drawing and Painting*  
Heinz Warneke, *Professor of Sculpture and Carving*  
Jessalee Sickman, *Professor of Drawing and Painting*

*The major in art appreciation.*—Prerequisite: Art 1-2, 11-12, 121-22, 131-32, 141-42, 151-52, and 161-62.

*The major in drawing and painting.*—Prerequisite: Art 11-12, 121-22, and at least forty-two credit hours of drawing and painting. The classes in drawing and painting are held at the Corcoran School of Art.

*The major in art for prospective teachers of art in high schools.*—The minimum requirements of this curriculum, which leads to the degree of Bachelor of Arts in Education, are stated on pages 111 and 112.

### APPRECIATION

#### FIRST GROUP

##### 1-2 *The Artistic Home* (3-3)

Crandall

The development of the home, home furnishing, and decoration 1945-46 and alternate years, Mon. and Wed., 11:10 A.M. to 12:25 P.M. 1946-47 and alternate years, Mon., Wed., and Fri., 6:10 P.M.

##### †11-12 *Art Criticism* (3-3)

Crandall

An introduction to the appreciation of the fine arts and to the interpretation of the paintings of the old and modern masters. 1945-46 and alternate years, Tues. and Thurs., 6:10 to 7:25 P.M. 1946-47 and alternate years, Tues. and Thurs., 11:10 A.M. to 12:25 P.M.

#### SECOND GROUP

##### 121-22 *History of Art* (3-3)

Crandall

The fine arts from ancient times to the present. 1945-46 and alternate years, Mon., Wed., and Fri., 6:10 P.M. 1946-47 and alternate years, Mon. and Wed., 11:10 A.M. to 12:25 P.M.

##### 131-32 *History of American Fine Arts* (3-3)

A survey of architecture, furniture, decoration, sculpture, painting, and folk arts in America from the early colonies to the present. (Not offered in 1945-46.)

\* On war leave 1945-46.

**141-42 Interior Design (3-3)**

The consideration of space, proportion, line, color, and texture—a consideration of personal problems in decoration. (Not offered in 1945-46.)

**143-44 Folk Art of America (3-3)**

A survey of Indian arts and crafts and the craft arts of America from the colonial period to the present. (Not offered in 1945-46.)

**†151-52 Modern Art (3-3)**

Crandall  
The interpretation of the fine arts of the nineteenth and twentieth centuries of Europe and the Americas. 1945-46 and alternate years. Tues. and Thurs., 11:10 A.M. to 12:25 P.M. 1946-47 and alternate years, Tues. and Thurs., 6:10 to 7:25 P.M.

**†161-62 History of Art Criticism (3-3)**

Crandall  
A survey of art criticism from ancient Greece to the present. Admission by permission of the instructor. Hours to be arranged.

**DRAWING, PAINTING, AND SCULPTURE \*****165-66 Drawing and Painting—Still Life, Life, and Portrait (6-6)**

Lahey, Weisz  
Section A: daily, 9:00 A.M. to 12:00 M. (Lahey); section B: daily, 9:00 A.M. to 12:00 M. (Weisz); section C: daily except Sat., 7:00 to 9:45 P.M. (Lahey); section D: daily except Sat., 7:00 to 9:45 P.M. (Weisz).

**167-68 Life Drawing and Painting (6-6)**

Archer  
Daily except Sat., 1:00 to 3:45 P.M.

**173-74 Antique Drawing (6-6)**

Battaglia, Sickman  
Section A: daily, 9:00 A.M. to 12:00 M.; section B: daily except Sat., 1:00 to 3:45 P.M.; section C: daily except Sat., 7:00 to 9:45 P.M.

**175-76 Composition (2-2)**

Weisz  
Criticism—Friday, 1:00 to 2:30 P.M.

**178 Out-of-Door Landscape (3)**

Lahey  
Offered during April and May only, daily except Sat., 1:00 to 3:45 P.M.

**179-80 Sculpture (6-6)**

Warneke  
Portrait-life modeling and composition in clay, plaster and wood carving. Section A: daily except Sat. (criticism—Friday), 1:00 to 3:45 P.M.; section B: daily except Sat. (criticism—Friday), 7:00 to 9:45 P.M.

**183-84 Design and Commercial Art**

Credits to be arranged. (Not offered in 1945-46.)

**185-86 Advanced Commercial Art**

Credits to be arranged. (Not offered in 1945-46.)

\* Courses offered by the staff of the Corcoran School of Art may be taken under the same instructor as many as four times with the consent of the Dean of Columbian College and the Principal of the Corcoran School of Art.  
Materials for courses in drawing, painting, and sculpture are to be purchased by the student. A locker fee is charged all students of drawing, painting, or sculpture by the Corcoran School of Art: single locker, \$2 a year (of which \$1 is refunded); double locker, \$2 a year (of which \$1.50 is refunded).

## BACTERIOLOGY, HYGIENE, AND PREVENTIVE MEDICINE

Leland Wilbur Parr, Ph.D., *Professor of Bacteriology, Executive Officer*  
Ralph Gregory Beachley, M.D., Dr.P.H., *Adjunct Professor of Public  
Health Practice*  
Angus MacIvor Griffin, Ph.D., *Associate Professor of Bacteriology*  
Mary Louise Robbins, Ph.D., *Instructor in Bacteriology*

### SEMINAR LECTURERS

Roscoe Roy Spencer, A.B., M.D., *Professorial Lecturer in Hygiene and  
Preventive Medicine*  
Charles Armstrong, B.S., M.D., Sc.D., *Professorial Lecturer in Pre-  
ventive Medicine*  
Rolla Eugene Dyer, A.B., M.D., LL.D., *Professorial Lecturer in Pre-  
ventive Medicine*  
Royd Ray Sayers, A.M., M.D., *Professorial Lecturer on Industrial  
Hygiene*  
Sara Elizabeth Branham, Ph.D., M.D., Sc.D., *Professorial Lecturer in  
Preventive Medicine*  
Alice Catherine Evans, M.S., M.D., Sc.D., *Professorial Lecturer in Pre-  
ventive Medicine*  
Chester Wilson Emmons, Ph.D., *Professorial Lecturer on Medical My-  
cology*  
Willard Hull Wright, D.V.M., Ph.D., *Professorial Lecturer on Medical  
Zoology*  
James Stevens Simmons, M.D., Ph.D., Sc.D., *Professorial Lecturer in  
Preventive Medicine*  
John Roderick Heller, Jr., B.S., M.D., *Professorial Lecturer on Venereal  
Disease Control*  
Herman Ertresvaag Hilleboe, B.S., M.D., M.P.H., *Professorial Lec-  
turer on Tuberculosis Control*  
Carl John Lauter, M.S., *Professorial Lecturer on Municipal Sanitation*  
Robert Carter Cook, *Professorial Lecturer on Medical Genetics*

### 112 *General Bacteriology* (4)

A study of the fundamentals of bacteriology, including industrial and  
hygienic applications. Several groups of bacteria, yeasts, and molds  
are studied in the laboratory. Material fee, \$7.50. Tues., Thurs., and  
Sat., 9:10 A.M. to 12:00 M.

Griffin



209 *Bacteriology, Parasitology, and Immunology*

Parr, Griffin

Bacteriological technique study of micro-organisms and parasites related to medical and hygienic problems. Methods of diagnosis are stressed and immunological procedures and theory fully treated. Eighteen hours a week for fourteen weeks.

210 *Immunology and Serology*

Griffin

Prerequisite: Bacteriology 112 or 209. One hour a week.

220 *Fundamentals of Hygiene and Preventive Medicine (2)*

Parr and Staff

An introduction to the study of preventive medicine and hygiene, involving subject matter suitable for the student of medicine who has not yet had clinical training. Two hours a week.

303-4 *Research in Bacteriology*

The Staff

Hours and credits to be arranged.

305-6 *Staff Seminar (1-1)*

Parr and Staff

Bi-weekly throughout the year.

401-2 *Public Health Practice*

Beachley

The application of the principles of preventive medicine in health department practice. One hour a week.

## BIOCHEMISTRY

Joseph Hiram Roe, Ph.D., *Professor of Biochemistry, Executive Officer*  
 \*Arnold Kent Balls, Ph.D., *Adjunct Professor of Enzymology*  
 William Henry Sebrell, Jr., M.D., *Professorial Lecturer on Nutrition*  
 ‡Oliver John Irish, Ph.D., *Instructor in Biochemistry*

- 113-14 Biochemistry** Roe and Staff  
 Physiological and clinical chemistry for the first-year medical student. Tues. and Thurs., 1:00 to 5:00 P.M. Two lectures and two three-hour laboratory periods a week.
- 221-22 Biochemistry (2-2 or 4-4)** The Staff  
 A lecture (2-2) and laboratory (2-2) course for nonmedical students. Prerequisite: Chemistry 152. Material fee, \$12 a term. Hours to be arranged.
- 224 Biochemistry of the Enzymes (elective)**  
 Lecture course dealing with the biochemistry of the enzymes and enzyme reactions. Prerequisite: Biochemistry 113 or 221. (Not offered in 1945-46.)
- 225 Biochemical Preparations** The Staff  
 Material fee, \$10. Hours and credits to be arranged.
- 226 Biochemical Laboratory Methods** The Staff  
 Material fee, \$10. Hours and credits to be arranged.
- 227-28 Biochemistry Seminar (1-1)** Roe  
 The current literature in the field of biochemistry, mainly for graduate students, but open to a limited number of specially qualified medical students. Fri., 4:45 P.M.
- 229-30 Research in Biochemistry** Roe  
 Hours and credits to be arranged.
- 231-32 Nutrition (1-1)** Roe and Staff  
 For graduate students and qualified medical students (elective). Lecture course on the science of nutrition. Prerequisite: Biochemistry 114 or 222. (Not offered in 1945-46.)
- 404 Applied Nutrition (1)** Sebrell  
 For senior medical students and graduate students. Lecture course upon dietary requirements, deficiency diseases, and therapeutic diets. Prerequisite: Biochemistry 114 or 222. Tuesday, 8:00 A.M.

\* On leave of absence 1945-46.  
 ‡ On war leave 1945-46.

## BIOLOGY\*

†Paul William Bowman, Ph.D., *Professor of Biology, Executive Officer*

*The major.*—Prerequisite: Biology 1-2, Botany 1 and 2, and Zoology 1-2. The student who majors in biology will be required to demonstrate in the major examination a reasonable knowledge and understanding of the following subjects: classification of plants and animals and their life histories, geology, ecology, evolution, heredity, the physical and cultural development of man, the biological problems of the community and the nation, the historical development of biology, and the great biologists of the past and present. Some of this information he will obtain by taking courses offered in these fields and some by reading and observation under the guidance of his adviser. For further details, see the pamphlet on this subject or consult the adviser.

### FIRST GROUP

#### 1-2 *Survey in Biology* (3-3)

Bowman

Systematic study of the plant and animal kingdoms, with emphasis upon the interdependence of living things. Review of work done in evolution, heredity, public health, and conservation. Material fee, \$3.00 a term. (Not offered in 1945-46.)

### SECOND GROUP

#### §107-8 *Evolution* (3-3)

Griggs

Survey stressing the data which have led to the larger generalizations of the science; the derivation and discussion of theories based largely on these data. Prerequisite: one year of college work in biology, botany, geology, or zoology. Mon., Wed., and Fri., 6:10 P.M.

#### 115-16 *Principles of Cytology* (3-3)

Bowman

Study of plant and animal cells based on Sharp's *Introduction to Cytology*, with training in preparation of slides and use of laboratory equipment. Prerequisite: one year of college work in biology, botany, or zoology. Material fee, \$6.00 a term. (Not offered in 1945-46.)

#### 127-28 *Genetics* (3-3)

Bowman

A laboratory course with problems and experiments. Prerequisite: Biology 2, Botany 1, or Zoology 2. Material fee, \$6.00 a term. (Not offered in 1945-46.)

#### †137-38 *General Physiology* (3-3)

Yocum

The fundamental physiology of protoplasm as applicable to both animals and plants. Prerequisite: Chemistry 12 and one year of college work in biology, botany, or zoology. (Not offered in 1945-46.)

\* See also departments of Botany and Zoology, pages 153-54 and 274-76.  
 † On war leave 1945-46.  
 § Excursions into the out-of-doors and visits to museums and other places of biological interest.



- 199-200 *Proseminar: Biology (3-3)* Bowman  
Individually planned and directed work by means of which majors in biology may learn something of those branches not studied in regular courses and may organize and coordinate their knowledge of the field. (Not offered in 1945-46.)

## THIRD GROUP

- 201-2 *Seminar: Cytology (3-3)* Bowman  
Hours to be arranged. (Not offered in 1945-46.)
- 203-4 *Seminar: Genetics (3-3)* Bowman  
Hours to be arranged. (Not offered in 1945-46.)
- 211-12 *Research in Cytology* Bowman  
Hours and credits to be arranged. (Not offered in 1945-46.)
- 213-14 *Research in Genetics* Bowman  
Hours and credits to be arranged. (Not offered in 1945-46.)
- 299-300 *Thesis (3-3)* Bowman  
(Not offered in 1945-46.)

## BOTANY\*

Robert Fiske Griggs, Ph.D., *Professor of Botany, Executive Officer*  
 Lawson Edwin Yocum, Ph.D., *Professor of Botany*  
 ‡William Webster Diehl, Ph.D., *Adjunct Professor of Mycology*

*Minimum requirements for the major.*—Twenty-four credit hours of botany beyond the introductory courses, with collaterals as recommended in conference.

### FIRST GROUP

#### 1 *Structure and Functions of the Flowering Plant*§|| (3) Yocum

The typical plant as a working mechanism, with the emphasis on the general biological significance of plant physiology. Material fee, \$4.50. Section A: Tues. and Thurs., 9:10 A.M. Laboratory—Fri., 1:40 to 3:30 P.M. Section B: Tues. and Thurs., 10:10 A.M. Laboratory—Tues., 1:40 to 3:30 P.M. Section C: Tues. and Thurs., 11:10 A.M. Laboratory—Thurs., 1:40 to 3:30 P.M. Section D: Mon. and Wed., 6:10 to 8:00 P.M.

Summer term 1945.

#### 2 *Survey of the Plant Kingdom*|| (3) Yocum

Study of the different kinds of plants, with emphasis on the evolution of the plant kingdom; practice in identifying flowering plants. Material fee, \$4.50. Section A: Tues. and Thurs., 9:10 A.M. Laboratory—Fri., 1:40 to 3:30 P.M. Section B: Tues. and Thurs., 10:10 A.M. Laboratory—Tues., 1:40 to 3:30 P.M. Section C: Tues. and Thurs., 11:10 A.M. Laboratory—Thurs., 1:40 to 3:30 P.M. Section D: Mon. and Wed., 6:10 to 8:00 P.M.

Summer term 1945.

#### 5 *Field Botany*|| (6) Griggs

Field trips to neighboring localities of botanical interest, with classroom study. (Not offered in 1945.)

### SECOND GROUP||

#### 121 *Grasses* (3) Griggs

The taxonomy, morphology, phylogeny, and economics of the Poaceae; the making of a collection; and the determination of a series of representative grasses not available in the vicinity. Text: Hitchcock, *Manual of Grasses*. 1945-46 and alternate years, Mon., 7:10 P.M. Laboratory hours to be arranged.

#### 122 *Higher Monocots* (3) Griggs

Survey of Arales, Palmales, Liliales, Armaryllidales, Marantales, Orchidales; study of flower morphology and evolutionary tendencies indicated; determination of a series of representative species. 1945-46 and alternate years, Mon., 7:10 P.M. Laboratory—hours to be arranged.

\* See also the departments of Biology and Zoology, pages 151-52 and 274-76.

§ On leave of absence 1945-46.

‡ Before completing registration for Botany I, each student must obtain from the representative of the Department an assignment to a laboratory section.

|| Botany 1 and 2 are prerequisite to all other courses in Botany.

- 123-24 *Dicots* (3-3) Griggs  
Survey of selected dicotyledonous orders, the selection varying from year to year; practice in naming unknowns. Text: Pool, *Flowers and Flowering Plants*. 1946-47 and alternate years, Mon., 7:10 P.M. Laboratory—hours to be arranged,
- 131-32 *Mycology* (3-3) Diehl  
(Not offered in 1945-46.)
- 133-34 *Plant Pathology* (3-3) Diehl  
Material fee, \$6.00 a term. (Not offered in 1945-46.)
- 135-36 *Plant Physiology* (3-3) Yocum  
Fall term: mineral and water relations of plants; winter term: organic syntheses and growth. Prerequisite: Chemistry 11-12. Material fee, \$6.00 a term. 1945-46 and alternate years, Tues. and Thurs., 6:10 P.M. Laboratory—Thurs., 7:00 to 9:00 P.M.
- 141-42 *Plant Ecology* (3-3) Griggs  
1945-46 and alternate years, Fri., 7:10 P.M. Laboratory—hours to be arranged.
- 143 *Plant Distribution* (3) Griggs  
Plant distribution, especially in the United States and Canada; biological relationships of eastern America with eastern Asia and of lands in the Southern Hemisphere, and their bearing on biological and geological history. 1946-47 and alternate years, Fri., 7:10 P.M. Laboratory—hours to be arranged.
- 144 *Vegetation of the United States* (3) Griggs  
Seminar on the areas and characteristics of the principal types of vegetation in the United States. 1946-47 and alternate years, Fri., 7:00 P.M. Laboratory—hours to be arranged.

## THIRD GROUP

- 219-20 *Seminar: Morphology* (3-3) The Staff  
(Not offered in 1945-46.)
- 221-22 *Seminar: Taxonomy* (3-3) Griggs  
(Not offered in 1945-46.)
- 235-36 *Seminar: Physiology* (3-3) Yocum  
Subject for 1945-46: Growth regulators of plants. Wed., 7:00 to 9:00 P.M.
- 241-42 *Seminar: Ecology* (3-3) Griggs  
(Not offered in 1945-46.)
- 251-52 *Seminar* (3-3) The Staff  
Discussions of current advances in plant science—partly by the staff and advanced students, partly by authorities invited from neighboring laboratories. (Not offered in 1945-46.)
- 261-62 *Research* The Staff  
Hours and credits to be arranged.
- 299-300 *Thesis* (3-3) The Staff



## BUSINESS ADMINISTRATION

Richard Norman Owens, Ph.D., C.P.A., *Professor of Accounting and Business Administration*

Harold Griffith Sutton, M.S., *Professor of Finance*

Ralph Dale Kennedy, Ph.D., *Professor of Accounting and Business Administration, Executive Officer*

Wilford Lenfestey White, M.B.A., D.C.S., *Professorial Lecturer on Marketing*

Orton Wells Boyd, A.M., C.P.A., *Lecturer in Business Administration*

Arlin Rex Johnson, Ph.D., *Lecturer on Accounting*

Harry Meredith Kurth, B.S., *Lecturer on Accounting*

*Minimum requirements for the major.—See pages 122-23, 124*

### FIRST GROUP

#### 51-52 *Introductory Accounting* (3-3) Kennedy and Staff

Rules of debit and credit, underlying principles of accounting records, simple partnership and corporation problems, and the preparation of financial statements. Section A: Mon., Wed., and Fri., 10:10 A.M.; section B: Mon., Wed., and Fri., 7:10 P.M.; section C: Tues. and Thurs., 7:35 to 8:50 P.M.

Business Administration 51x—same as Business Administration 51, but offered winter term. Tues. and Thurs., 6:10 to 7:25 P.M.

Business Administration 52x—same as Business Administration 52, but offered fall term. Prerequisite: Business Administration 51, or the approval of the instructor. Tues. and Thurs., 6:10 to 7:25 P.M.

Summer Term 1945.

### SECOND GROUP

#### 101-2 *Business Organization and Management* (3-3) Owens

Promotion of an enterprise and selection of a form of organization; departmentizing and administration. Mon., Wed., and Fri., 9:10 A.M.

Summer Term 1945—Business Administration 102 (3).

#### 115x *Business Finance* (3) Kennedy

Basic principles involved in the financial policies of business enterprises. Prerequisite: Business Administration 51-52; Economics 1-2. Tues., Thurs., and Sat., 11:10 A.M.

#### 118 *Investments* (3) Sutton

Analysis of factors of investment credit with application to different types of investments; proper selection of investments for various classes of investors; regulation. Prerequisite: Business Administration 115. (Not offered in 1945-46.)

#### 121 *Bank Management* (3) Sutton

Analysis of the lending and investing policies which under various business conditions are best adapted to efficient bank management. Prerequisite: Economics 121-22. (Not offered in 1945-46.)

- 127 Business Forecasting (3)**  
Forces and factors underlying fluctuations of business activity and methods of forecasting such fluctuations. Prerequisite: Economics 1-2. (Not offered in 1945-46.)
- 128 Principles of Insurance (3)**  
A general course in underlying principles of property, life, marine, and casualty insurance, and the function of insurance in the economic life of a business or individual. Prerequisite: Economics 1-2. (Not offered in 1945-46.)  
Summer term 1945 (Owens).
- 131 Principles of Budgetary Administration (3)** Johnson  
Private business and government budgeting. Tues. and Thurs., 6:10 to 7:25 P.M.
- 145 Cost Accounting (3)**  
Job order and process systems of cost findings; interrelation of the cost records and the general accounts; standard costs; distribution costs. Prerequisite: Business Administration 51-52. Tues. and Thurs., 6:10 P.M.
- 151-52 Advanced Accounting (3-3)** Owens  
Corporations and partnerships, valuation, actuarial science, estates, receiverships and reorganizations, consolidated statements, and other topics. Prerequisite: Business Administration 51-52. Mon., Wed., and Fri., 7:10 P.M.
- 155 Analysis of Financial Statements (3)** Kennedy  
Technique of analyzing financial statements for the guidance of operating executives, directors, stockholders, and creditors; valuation of balance sheet items; determination and interpretation of ratios. Prerequisite: Business Administration 51-52. Tues., Thurs., and Sat., 11:10 A.M.  
Summer term 1945.
- 159x Federal Taxation (3)** Boyd  
Tax problems which confront business enterprise: income, excess profits, capital stock, pay roll, and excise taxes. Prerequisite: Business Administration 151. Tues. and Thurs., 7:35 to 8:50 P.M.
- 160x Federal Accounting (3)** Kurth  
Accounting problems of federal government. Appropriation accounts; encumbrances; fund accounting. Prerequisite: Business Administration 151-52. Tues. and Thurs., 7:35 to 8:50 P.M.
- 165 Auditing (3)** Owens  
Duties and responsibilities of the auditor; principles and procedures in making audits; arrangement of working papers and the preparation of reports. Prerequisite: Business Administration 151-52. Mon., Wed., and Fri., 6:10 P.M.
- 171x Principles of Marketing (3)** White  
A survey of marketing, giving particular attention to consumption, retailing, wholesaling, and sales management; the entire marketing structure and its relation to the total economy. Prerequisite: Economics 1-2. Tues. and Thurs., 6:10 to 7:25 P.M.

- 172 *Marketing Problems* (3) White  
Marketing principles applied to specific distribution policy and operating problems of retailers, wholesalers, and manufacturers handling consumers' and industrial goods. Prerequisite: Business Administration 171. (Not offered in 1945-46.)
- 174 *Exporting and Importing* (3) White  
Policy and operating questions of foreign marketing—exporting and importing; markets, limitations, and opportunities. Prerequisite: Economics 1-2. (Not offered in 1945-46.)
- 177-78 *Problems in Retailing* (3-3) Johnson  
Principles and problems in retail merchandising, including markup, inventory valuation, and expense control; also, service and personnel problems. Admission by permission of the instructor. (Not offered in 1945-46.)
- 182 *Public Utilities* (3) Kennedy  
Public utility characteristics, organization, management, financing, combinations, and accounting; regulation, valuation, and rate-making are stressed. Prerequisite: Economics 1-2. Mon., Wed., and Fri., 6:10 P.M.  
Summer term 1945.
- 185 *Principles of Railroad Transportation* (3) Kennedy  
Railroad history, organization, regulations, rate-making theory and practice, accounting, securities, and consolidation. Work of Interstate Commerce Commission stressed. Prerequisite: Economics 1-2. Tues., Thurs., and Sat., 10:10 A.M.
- 186 *Principles of Motor, Air, and Water Transportation* (3) Kennedy  
History, organization, economics, regulations, and rates of motor, air, and water carriers; coordination of transportation. Prerequisite: Economics 1-2. Tues., Thurs., and Sat., 10:10 A.M.

## THIRD GROUP

- 215 *Corporate Financial Policy* (3) Kennedy  
Financial practice in promotion, consolidations and mergers, capital structure adjustments, and reorganizations. Admission by permission of the instructor. Mon., Wed., and Fri., 6:10 P.M.
- 251-52 *Seminar in Accounting* (3-3) Owens  
Research in accounting problems. Admission by permission of the instructor. Thurs., 7:35 P.M.
- 260 *Advanced Federal Accounting* (3) Kurth  
Advanced principles and practices in federal accounting relationship to general policy and administration. Tues. and Thurs., 7:35 to 8:50 P.M.
- 268 *Accounting Theory and Problems* (3) Owens  
The solution of advanced problems and a discussion of the principles involved. Prerequisite: Business Administration 151-52. Mon., Wed., and Fri., 6:10 P.M.



- 285-86 *Seminar in Transportation and Public Utilities* (3-3) Kennedy  
Admission by permission of the instructor. (Not offered in 1945-46.)
- 291-92 *Seminar in Business Administration* (3-3) Kennedy  
Admission by permission of the instructor. (Not offered in 1945-46.)
- 299-300 *Thesis* (3-3) The Staff

## CHEMISTRY

Colin Mackenzie Mackall, Ph.D., *Professor of Chemistry*

\*Benjamin Douglass Van Evera, Ph.D., *Professor of Chemistry*

\*Ralph Edward Gibson, Ph.D., *Adjunct Professor of Chemistry*

Samuel Nathaniel Wrenn, Ph.D., *Associate Professor of Chemistry*

\*Charles Rudolph Naeser, Ph.D., *Associate Professor of Chemistry*

Maurice Hart Van Horn, Ph.D., *Associate Professor of Chemistry*,

*Acting Executive Officer*

Florence Everett Hooper, Ph.D., *Assistant Professor of Chemistry*

James Irvin Hoffman, Ph.D., *Lecturer in Chemistry*

Howard Wissler Bond, Ph.D., *Lecturer in Chemistry*

\*Robert Corbin Vincent, Ph.D., *Instructor in Chemistry*

*The Major.*—Prerequisite: Chemistry 11-12, 21, and 22; Mathematics 19 and 20; Physics 5, 6, 7, and 8. Required: Chemistry 111-12, 122, 151-52, and 135 or 155 (two credit hours). The work of the junior and senior years must be approved by the Department. The German language is strongly recommended for all majors, and is essential for all students doing graduate work.

*Requirements for the Master's degree.*—In addition to the requirements for the Bachelor's degree: Chemistry 131-32, 211-12, 251-52, 299-300, and the program must include at least four credit hours of laboratory courses. A reading-knowledge examination in French or German (German preferred) must be passed before the second half of the work is started.

*Registration.*—Before completing registration for courses in which there are laboratory sections, each student must obtain from the representative of the Department an assignment to a laboratory section.

### FIRST GROUP

#### †11-12 *General Chemistry* (4-4)

Wrenn, Hooper,  
and Assistants

Chemistry 11-12 is an elementary course in General Chemistry. Students who have credit for high school chemistry may enter Chemistry 12 or 12x only after passing a qualifying examination. (See the University calendar for the date of the qualifying examination.) Prerequisite: One year of high school algebra. Material fee, \$9 a term. Section A: Mon. and Wed., 10:10 A.M.; section B: Mon. and Wed., 11:10 A.M.; section C: Mon. and Wed., 6:10 P.M. Laboratory—section M: Mon. and Wed., 1:40 to 4:30 P.M.; section N: Tues. and Thurs., 1:40 to 4:30 P.M.; section R: Mon. and Wed., 7:10 to 10:00 P.M.; section P: Tues. and Thurs., 7:10 to 10:00 P.M.

Chemistry 11x—same as Chemistry 11, but offered winter term. Section A: Wed. and Fri., 11:10 A.M.; section B: Tues. and Thurs., 6:10 P.M. Laboratory—section N: Tues. and Thurs., 1:40 to 4:30 P.M.; section P: Tues. and Thurs., 7:10 to 10:00 P.M.

\* On war leave 1945-46.

† A breakage deposit of \$10, payable in advance, is required of the student registered for one or more chemistry courses requiring a material fee. See page 23 for check-out and refund regulations.

§ One hour a week of laboratory time is devoted to recitation and discussion.

Chemistry 12x—same as Chemistry 12, but offered fall term. Section A: Wed. and Fri., 11:10 A.M.; section B: Tues. and Thurs., 6:10 P.M. Laboratory—section N: Tues. and Thurs., 1:40 to 4:30 P.M.; section P: Tues. and Thurs., 7:10 to 10:00 P.M.

Summer term 1945.

### 21 *Qualitative Inorganic Analysis* (4)

Theoretical and practical study of methods of separating and identifying the more common cations and anions. Prerequisite: Chemistry 12. Material fee,\* \$9 a term. Section A: Mon. and Wed., 11:10 A.M.; section B: Mon. and Wed., 6:10 P.M. Laboratory—section M: Mon. and Wed., 1:40 to 4:30 P.M.; section R: Mon. and Wed., 7:10 to 10:00 P.M.

Chemistry 21x—same as Chemistry 21, but offered winter term. Tues. and Thurs., 6:10 P.M. Laboratory—section N: Tues. and Thurs., 1:40 to 4:30 P.M.; section P: Tues. and Thurs., 7:10 to 10:00 P.M.

Summer term 1945.

### 22 *Quantitative Inorganic Analysis* (4)

The principles of gravimetric and volumetric analysis. Prerequisite: Chemistry 21. Material fee,\* \$12 a term. Section A: Mon. and Wed., 11:10 A.M.; section B: Mon. and Wed., 6:10 P.M. Laboratory—section M: Mon. and Wed., 1:40 to 4:30 P.M.; section R: Mon. and Wed., 7:10 to 10:00 P.M.

Summer term 1945.

## SECOND GROUP

### †111-12 *Physical Chemistry* (5-5)

Van Horn

Introduction to theoretical chemistry. Prerequisite: Chemistry 22 and 152; Mathematics 20; Physics 8. Material fee,\* \$9 a term. Mon., Wed., and Fri., 6:10 P.M. Laboratory—section N: Tues. and Thurs., 1:40 to 4:30 P.M.; section R: Mon. and Wed., 7:10 to 10:00 P.M.

### 122X *Quantitative Inorganic Analysis* (4)

Application of the fundamental principles of analysis to more difficult separations and determinations. Prerequisite: Chemistry 22. Material fee,\* \$12. Fri., 6:10 P.M. Laboratory—section M: Mon., Wed., and Fri., 1:40 to 4:30 P.M.; section R: Mon., Wed., and Fri., 7:10 to 10:00 P.M.

### †131-32 *Inorganic Chemistry* (2-2)

Hoffman

Chemistry and its theories from the standpoint of the periodic table, with major emphasis on the more common elements. Prerequisite: Chemistry 152. Prerequisite or concurrent registration: Chemistry 111-12. Tues., 7:10 to 9:00 P.M.

### 135-36 *Inorganic Chemistry: Preparations* (2-2)

Bond

Application of the technique of inorganic chemistry to the preparation and purification of a list of selected substances. Prerequisite: Chemistry 152. Prerequisite or concurrent registration: Chemistry 111-12. Material fee,\* \$12 a term. Laboratory—Tues. and Thurs., 7:10 to 10:00 P.M.

\* A breakage deposit of \$10, payable in advance, is required of the student registered for one or more chemistry courses requiring a material fee. See page 23 for check-out and refund regulations.



- †151-52 *Organic Chemistry (4-4)* Mackall and Assistants  
The chemistry of the compounds of carbon. Semi-micro technique is emphasized in the laboratory. Prerequisite: Chemistry 12. Students are strongly advised to take Chemistry 21 before entering this course. Material fee,\* \$9 a term. Section A: Mon., Wed., and Fri., 10:10 A.M.; section B: Mon., Wed., and Fri., 6:10 P.M. Laboratory—section M: Fri., 1:40 to 4:30 P.M.; section N: Thurs., 1:40 to 4:30 P.M.; section R: Wed., 7:10 to 10:00 P.M.

Summer term 1945.

- 155 *Organic Chemistry: Preparations (2 or 3)* Wrenn  
The synthesis of organic compounds and the application of the technique of organic chemistry to the preparation of pure compounds, using larger amounts and greater refinements than in Chemistry 151-52. Prerequisite: Chemistry 22 and 152. Material fee,\* \$6 a credit hour. Hours to be arranged.

- 156 *Qualitative Organic Analysis (2)* Mackall  
The identification of pure organic compounds, the separation of mixtures, and the identification of their components. Prerequisite: Chemistry 22, 152, and 155. Material fee,\* \$12. Laboratory—Mon. and Wed., 7:10 to 10:00 P.M.

- 191 *History of Chemistry (2)* Mackall  
The development of chemistry, and the biographies of eminent contributors to the science. Prerequisite: Chemistry 22 and 152. Tues. and Thurs., 6:10 P.M.

### THIRD GROUP

- 203 *Chemical Kinetics (2)*  
The rates of chemical reaction and the factors influencing them. Prerequisite: Chemistry 112. (Not offered in 1945-46.)

- 204 *Catalysis (2)*  
Prerequisite: Chemistry 203. (Not offered in 1945-46.)

- 205 *Surface Chemistry (2)*  
Prerequisite: Chemistry 112. (Not offered in 1945-46.)

- 206 *Colloid Chemistry (2)*  
Prerequisite: Chemistry 205. (Not offered in 1945-46.)

- 211-12 *Advanced Physical Chemistry (2-2)* Van Horn  
Development and application of the principles of thermodynamics and the kinetic theory to chemical problems. Prerequisite: Chemistry 112. Tues. and Thurs., 6:10 P.M.

- 215-16 *Physical Chemistry of Solids, Liquids, and Solutions (2-2)* Gibson  
215: solids, liquids, and solutions of nonelectrolytes.  
216: thermodynamics and statistical mechanics of solutions. Prerequisite: Chemistry 212. (Not offered in 1945-46.)

\* A breakage deposit of \$10, payable in advance, is required of the student registered for one or more chemistry courses requiring a material fee. See page 23 for check-out and refund regulations.

- 217-18 *Recent Advances in Physical Chemistry* (2-2) Gibson  
Prerequisite: Chemistry 212. (Not offered in 1945-46.)
- †221-22 *Advanced Quantitative Analysis* (2-2) Hoffman  
The theory of the quantitative estimation of the less common elements. Prerequisite: Chemistry 122 and 132. (Not offered in 1945-46.)
- 226 *Quantitative Organic Analysis* (3)  
Micro and semi-micro procedures. Prerequisite: Chemistry 122 and 152; permission of the instructor. Material fee,\* \$9. (Not offered in 1945-46.)
- †231-32 *Advanced Inorganic Chemistry* (2-2) Hoffman  
The chemistry of the less familiar elements. Prerequisite: Chemistry 132 and 152. (Not offered in 1945-46.)
- 251-52 *Advanced Organic Chemistry* (3-3) Wrenn  
An introduction to the literature of organic chemistry; the study of the syntheses, reactions, and properties of carbon compounds; the fundamental theories of organic chemistry. Prerequisite: Chemistry 152; prerequisite or concurrent registration: Chemistry 111-12. Open to the senior student with the permission of the instructor. Mon., Wed., and Fri., 7:10 P.M.  
Summer term 1945—Chemistry 252 (3).
- 253 *Advanced Synthetic Organic Chemistry* (3) Wrenn  
A critical study of the reactions employed in the synthesis of organic compounds. Prerequisite: Chemistry 252. (Not offered in 1945-46.)
- 254 *Stereochemistry* (2) Mackall  
The stereochemistry of organic compounds. Prerequisite: Chemistry 252. (Not offered in 1945-46.)
- 255 *Carbohydrates* (2) Hooper  
The structure and properties of the carbohydrates. Prerequisite: Chemistry 252. (Not offered in 1945-46.)
- 256 *Polypeptides* (2)  
The structure and classification of polypeptides and their derivatives. Prerequisite: Chemistry 252. (Not offered in 1945-46.)
- 291-92 *Seminar* (1-1) The Staff  
(Not offered in 1945-46.)
- 297-98 *Research* The Staff  
Research on problems approved by the staff. Open to qualified students with advanced training. Hours, credits, and fees to be arranged.  
Summer term 1945.
- 299-300 *Thesis* (3-3) The Staff  
Material fee,\* \$12 a term. Hours to be arranged.  
Summer term 1945.

\* A breakage deposit of \$10, payable in advance, is required of the student registered for one or more chemistry courses requiring a material fee. See page 23 for check-out and refund regulations.

## CIVIL ENGINEERING

- \*Frank Artemas Hitchcock, M.S. in C.E., C.E., *Professor of Civil Engineering; Director of War Training Program*
- Joseph Young Dreisonstok, Capt., U. S. Navy, B.S., *Professorial Lecturer on Navigation*
- \*Charles Edward Cook, B.S. in E.E., B.S. in C.E., C.E., *Associate Professor of Civil Engineering*
- \*George Strollo, B.S. in C.E., M.C.E., *Associate Professor of Civil Engineering*
- Carl Hugo Walther, B.E., M.C.E., *Associate Professor of Civil Engineering, Acting Executive Officer*
- Ivan Charles Crawford, Jr., M.S. in C.E., *Lecturer in Civil Engineering*
- Joseph Carl Oleinik, B.S. in C.E., M.S., *Lecturer in Civil Engineering*
- William Hayward, B.S. in C.E., *Lecturer in Civil Engineering*
- Earl Hildreth Lund, B.S. in C.E., C.E., LL.B., *Lecturer in Civil Engineering*
- Ralph Edward Fuhrman, B.S. in C.E., M.S., *Lecturer in Civil Engineering*
- Sarkis Bagdoyan, B.S. in C.E., *Associate in Civil Engineering*
- Rolla Taylor, B.S. in E.E., *Associate in Civil Engineering*
- Joseph Edward Gray, B.S. in C.E., C.E., *Associate in Civil Engineering*
- Perry Harold Petersen, B.S. in C.E., *Associate in Civil Engineering*

*Minimum requirements for the major.—See pages 96-97.*

### FIRST GROUP

- 2 Plane Surveying (3)** Hayward  
 Principles, methods, and instruments used in surveying; with field work. Prerequisite: Trigonometry. Surveying fee, \$6. Section A: Tues. and Thurs., 12:10 P.M.; section B: Tues. and Thurs., 7:10 P.M. Field work—section A: Sat., 9:10 A.M.; section B: Sat., 1:40 P.M.
- 15 Navigation (3)** Dreisonstok  
 Principles, methods, and instruments used in surface and aerial navigation. Charts, piloting, dead-reckoning, nautical astronomy, position determination. Prerequisite: Trigonometry. Mon., Wed., and Fri., 6:10 P.M.
- 17 Meteorology for Navigation (2)**  
 Principles and elements of atmospheric behavior; weather forecasting, data, and maps. Prerequisite: Physics 6 and 7. (Not offered in 1945-46.)

\* On war leave 1945-46.



- 21 *Analytical Mechanics: Statics* (2) Bagdoyan  
Composition and resolution of forces; axial stresses; centroids; friction. Prerequisite: Physics 6; prerequisite or concurrent registration: Mathematics 20. Section A: Tues. and Thurs., 11:10 A.M.; section B: Tues. and Thurs., 7:10 P.M.
- 22 *Analytical Mechanics: Dynamics* (3) Walther  
Kinematics of a particle; kinetics of a body in translation, rotation, and plane motion; work and energy; impulse and momentum. Prerequisite: Civil Engineering, 21. Section A: Mon., Wed., and Fri., 11:10 A.M.; section B: Mon., Wed., and Fri., 7:10 P.M.
- 23 *Higher Surveying* (4) Hayward  
Elements of geodesy, triangulation, topography, hydrography, and precise and trigonometric leveling, with field work. Prerequisite: Civil Engineering 2. Surveying fee, \$6. Section A: Mon., Wed., and Fri., 11:10 A.M.; section B: Mon., Wed., and Fri., 6:10 P.M. Field work—section A: Sat., 9:10 A.M.; section B: Sat., 1:40 P.M.
- 25-26 *Materials of Construction* (2-2) Walther, Petersen  
Nonmetallic materials, with emphasis on cement; metallic materials, with emphasis on iron and steel. Prerequisite or concurrent registration: Chemistry 12. Section A: Tues. and Thurs., 9:10 A.M.; section B: Tues. and Thurs., 6:10 P.M.

## SECOND GROUP

- 123 *Strength of Materials* (3) Crawford  
Tension, compression, shear, flexure, and torsion; deflection; combined and working stresses. Prerequisite: Civil Engineering 22. Section A: Mon., Wed., and Fri., 10:10 A.M.; section B: Mon., Wed., and Fri., 6:10 P.M.
- 136 *Hydraulics* (3) Crawford  
Hydrostatics: flow through pipes and open channels; laminar and turbulent flow. Prerequisite: Civil Engineering 22. Section A: Mon., Wed., and Fri., 10:10 A.M.; section B: Mon., Wed., and Fri., 6:10 P.M.
- 140 *Materials and Hydraulics Laboratory* (2) Taylor  
Determination of the properties of materials by mechanical tests, and a study of the flow of fluids. Prerequisite: Civil Engineering 123; prerequisite or concurrent registration: Civil Engineering 26 and 136. Laboratory fee, \$6. Section A: Tues. and Thurs., 1:40 P.M.; section B: Tues. and Thurs., 8:10 P.M.
- 141 *Graphic Statics* (3) Walther  
Fundamental principles; analyses of beams; determination of stresses in roof trusses and framed bents. Prerequisite or concurrent registration: Civil Engineering 123. Drafting-room fee, \$1. Section A: Tues. and Thurs., 11:10 A.M., and Thurs., 1:40 P.M.; section B: Tues. and Thurs., 7:10 P.M., and Tues., 8:10 P.M.
- 142 *Bridge Stresses* (3) Bagdoyan  
Determination of stresses in modern types of bridge trusses. Prerequisite: Civil Engineering 141. Drafting-room fee, \$1. Section A: Tues. and Thurs., 11:10 A.M., and Thurs., 1:40 P.M.; section B: Tues. and Thurs., 7:10 P.M., and Tues., 8:10 P.M.

- 147-48 Structural Design (2-2)** Walther  
Computations and drawings for the design of steel structures. Prerequisite: Civil Engineering 142. Drafting-room fee, \$3 a term. Tues. and Thurs., 8:10 P.M.
- 149-50 Concrete and Masonry Construction (3-3)** Oleinik  
Plain concrete, general properties and theory of reinforced concrete, foundations and retaining walls. Prerequisite: Civil Engineering 25 and 123. Civil Engineering 149, laboratory fee, \$6; Civil Engineering 150, drafting-room fee, \$1. Tues. and Thurs., 6:10 P.M., and Mon., 8:10 P.M.
- 151-52 Statically Indeterminate Structures (2-2)** Walther  
A study of such structures as continuous spans, rigid frames, and arches by methods of work, slope deflection, and moment distribution. Prerequisite: Civil Engineering 142. Mon. and Fri., 6:10 P.M.
- 164 Highway Engineering (3)** Gray  
Highway economics, location, construction, and maintenance. Prerequisite or concurrent registration: Civil Engineering 25 and 171. Mon., Wed., and Fri., 6:10 P.M.
- 171 Route Surveying (3)** Hayward  
Curves and earthwork, and methods of location as used on railroads and highways; field work; complete highway location. Prerequisite: Civil Engineering 2. Surveying fee, \$6. Tues. and Thurs., 6:10 P.M. Field work—Sat., 1:40 P.M.
- 172 Railroad Engineering (3)**  
Track construction and requirements, rolling stock, cost and operation of railroads, with field work. Prerequisite: Civil Engineering 171. Surveying fee, \$6. (Not offered in 1945-46.)
- 181-82 Water Supply and Sewerage (3-3)** Fuhrman  
Collection, storage, purification, and distribution of water; sewerage systems and treatment of sewage. Prerequisite: Civil Engineering 136; Chemistry 12. Mon., Wed., and Fri., 7:10 P.M.
- 187 Contracts and Specifications (2)** Lund  
Contract principles; preparation of contracts; specifications and methods of studying them; examples of contracts and specifications; practice in analyzing and writing specifications. Tues. and Thurs., 7:10 P.M.
- 189-90 Civil Engineering Proseminar (1-1)** Johnson  
Wed., 8:10 P.M.

## CLASSICAL LANGUAGES AND LITERATURES

\*John Francis Latimer, Ph.D., *Associate Professor of Classical Languages and Literatures*

### LATIN

†1-2 *First-year Latin (3-3)*

Essentials of Latin grammar; reading selections; composition. (Not offered in 1945-46.)

†3-4 *Second-year Latin (3-3)*

Review of grammar; wide variety of reading selections; composition. (Not offered in 1945-46.)

### GREEK

†1-2 *First-year Greek (3-3)*

Essentials of Greek grammar; reading selections; composition. (Not offered in 1945-46.)

†3-4 *Second-year Greek (3-3)*

Review of grammar; wide variety of reading material; composition. (Not offered in 1945-46.)

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\* On war leave 1945-46.



## DERMATOLOGY AND SYPHILOLOGY

Harry Ford Anderson, M.D., *Professor of Dermatology and Syphilology,*  
*Executive Officer*

George William Creswell, A.B., M.D., *Associate in Dermatology and*  
*Syphilology*

Hayden Kirby-Smith, B.S., M.D., *Associate in Dermatology and Syphi-*  
*lology*

Leon Hugh Warren, A.B., M.D., M.S. in Med., *Clinical Instructor in*  
*Dermatology and Syphilology*

Adolph Rostenberg, Jr., A.B., M.D.C.M., *Clinical Instructor in Derna-*  
*tology and Syphilology*

George Davis Weickhardt, M.D., *Clinical Instructor in Dermatology*  
*and Syphilology*

313-14 *Dermatology and Syphilology* Anderson  
Lectures on diseases of the skin and syphilis. One hour a week.

316 *Neurosyphilis* Weickhardt  
Lectures, clinical demonstrations, and practical diagnostic and thera-  
peutic procedures. One hour a week for eight weeks.

317-18 *Clinic* Kirby-Smith  
Case demonstrations, diagnosis, and treatment of skin diseases and  
syphilis. Three hours a week. Gallinger Hospital.

407-8 *Clinic* Anderson  
Dermatology and syphilology in infants and children. Children's Hos-  
pital. Two hours a week.

409-10 *Clinic* Anderson  
Clinical demonstration, diseases of the skin. One hour a week. Emer-  
gency Hospital.

411-12 *Clinic* The Staff  
Clinical demonstrations, diseases of the skin, and diagnosis and therapy  
of syphilis. One hour a week. University Hospital.

413-14 *Clinic* Creswell  
Diagnosis, laboratory procedures, and treatment of syphilis. Two  
hours a week. Southwest Health Center.

## ECONOMICS

John Donaldson, Ph.D., *Professor of Political Economy*  
 James Christopher Corliss, A.M., *Adjunct Professor of Inter-American Economics*  
 Arthur Edward Burns, Ph.D., *Adjunct Professor of Economics*  
 Gerhard Colm, Dr. rer. pol., *Professorial Lecturer in Economics*  
 Arthur Smithies, LL.B., Ph.D., *Professorial Lecturer in Economics*  
 \*Edward Campion Acheson, Ph.D., *Associate Professor of Finance*  
 Donald Stevenson Watson, Ph.D., *Associate Professor of Economics, Executive Officer*  
 Peyton Armstrong Kerr, Ph.D., *Lecturer in Economics*  
 Charles David Stewart, M.Soc. Sci., *Lecturer in Economics*  
 James Gilbert Evans, A.M., *Lecturer in Economics*  
 Wesley Clifford Haraldson, A.M., *Lecturer in Economics*  
 Harry Henig, Ph.D., *Lecturer in Economics*  
 Carl Johann Ratzlaff, Ph.D., *Lecturer in Economics*  
 Otto Sternoff Beyer, M.E., *Lecturer on Labor Relations*

*The major.*—Prerequisite: Economics 1-2. Required: (1) Economics 101 and three additional credit hours in economic theory (courses numbered 100-109); (2) six credit hours in each of three of the four following groups: finance (courses numbered 120-29), labor (courses numbered 140-49), government and economic policy (courses numbered 160-69), and international economics (courses numbered 180-92); (3) fifteen credit hours of second-group courses selected from the following departments—Business Administration, History, Philosophy, Political Science, and Statistics; strongly recommended: History 147 and 174; Statistics 101-2.

### FIRST GROUP

#### 1-2 *Introductory Economics*† (3-3)

The Staff

Survey of the major economic institutions and economic problems in contemporary society. Section A: Mon., Wed., and Fri., 11:10 A.M.; section B: Mon., Wed., and Fri., 6:10 P.M.; section C: Tues. and Thurs., 7:35 to 8:50 P.M.

Economics 1x—same as Economics 1, but offered winter term. Tues. and Thurs., 6:10 to 7:25 P.M.

Economics 2x—same as Economics 2, but offered fall term. Tues. and Thurs., 6:10 to 7:25 P.M.

Summer term 1945.

### SECOND GROUP†

#### 101 *Economic Theory* (3)

Watson

Introduction to formal economic theory; advanced analysis of demand, supply, and price relations. Tues. and Thurs., 7:35 to 8:50 P.M.

\* On war leave 1945-46.

† Economics 1-2 is prerequisite to all other courses in economics.

Economics 101x—same as Economics 101, but offered winter term.  
Mon., Wed., and Fri., 6:10 P.M.  
Summer term 1945.

- 102 *History of Economic Thought* (3) Burns  
Economic doctrines since the mercantilist writers; the history of the major schools of thought; influence of changing problems on theory. Tues. and Thurs., 6:10 to 7:25 P.M.  
Summer term 1945.

- 103 *Advanced Economic Theory* (3) Watson  
Analysis of the theory of monopolistic competition and other recent developments in general economic theory. Prerequisite: Economics 101. (Not offered in 1945-46.)

- 105 *Economic Fluctuations: Business Cycles* (3) Burns  
Analysis of strategic factors in economic instability and economic retardation; survey of recent business-cycle theories. Tues. and Thurs., 6:10 to 7:25 P.M.

- 108 *The National Income* (3)  
The measurement, composition, and determinants of the national income.  
Summer term 1945.

- 121-22 *Money and Banking* (3-3) Donaldson, Haraldson  
Money, bank credit, and prices; commercial and investment banking; banking systems; historical development of banking; government and banking; functions of money and banking. Section A: Mon., Wed., and Fri., 11:10 A.M.; section B: Mon., Wed., and Fri., 6:10 P.M.

- 123 *Monetary Theory* (3) Acheson  
The development of monetary theory; principal contemporary approaches; theoretical background of recent monetary policy. (Not offered in 1945-46.)

- 125 *Monetary Problems* Acheson  
Survey of monetary developments since the first World War; monetary policies in the 1930's; war finance; post-war monetary reconstruction. (Not offered in 1945-46.)

- 126 *Foreign Exchange and International Finance* (3) Acheson  
Theory and practice of foreign exchanges; the gold standard and international finance during the nineteenth century; war and post-war exchange problems. Prerequisite: Economics 121-22. (Not offered in 1945-46.)

- 140 *Occupational Trends* (3) Stewart  
Primarily for occupational counselors. Forecasting the level of activity; post-war problems in demobilization and reconversion; significance of national trends for vocational counselors; national and local labor markets. Tues. and Thurs., 7:35 to 8:50 P.M.



- 141 *Labor Economics* (3) Henig  
Labor problems: wages, hours, and working conditions; growth of labor organizations; types of unions; union tactics and programs. Tues. and Thurs., 6:10 to 7:25 P.M.
- 142 *Government and Labor Problems* (3) Henig  
Labor legislation; labor and the courts; federal regulation of capital-labor relations; the work of federal labor boards. Tues. and Thurs., 6:10 to 7:25 P.M.
- 143 *Labor Movements* (3) \_\_\_\_\_  
The forms, development, and problems of labor organizations. Hours to be arranged.
- 146 *Economic Security and Social Insurance* (3) Burns  
Economic and social problems of unemployment and destitution; analysis of the federal social security program; survey of the Beveridge and other plans for post-war social security.  
Summer term 1945.
- 161-62 *Public Finance and Taxation* (3-3) Watson  
General survey of government expenditures, sources and methods of taxation, economic effects of expenditures and taxes, and of government debt policies. Mon., Wed., and Fri., 10:10 A.M.
- 165 *Government Control of Economic Activity* (3) Watson  
Changing role of government in promoting and regulating economic activity; types and spheres of control. Mon., Wed., and Fri., 6:10 P.M.
- 166 *Comparative Systems of Economic Reform* (3) Watson  
Critical analysis of the major theories of economic and social reform, with special attention to their origins and backgrounds. (Not offered in 1945-46.)
- 167 *Economics of Planning* (3) Watson  
Analytical comparison of economic systems coordinated by market price with those coordinated by central authority. (Not offered in 1945-46.)
- 170 *Economic Geography* (3) \_\_\_\_\_  
The economics of natural resources; raw materials; staple crops; and location of industry.  
Summer term 1945.
- 172 *Agricultural Economics* (3) \_\_\_\_\_  
The production and marketing of agricultural products, with special attention to price behavior and problems of government policy.  
Hours to be arranged.
- 181-82 *International Economics* (3-3) Donaldson  
Survey of world economics; basic factors; resource controls; international trade, industrial, financial, and monetary processes and policies; relation to internal economic systems. Mon., Wed., and Fri., 7:10 P.M.

- 183 *Tariffs and Commercial Treaties* (3) Donaldson  
Origins and types of modern foreign commercial policy, in the light of evolving doctrines; forms and economic effects of tariffs and other measures, and of international commercial accords. Mon. and Wed., 12:10 to 1:25 P.M.
- 184 *The New Foreign Economic Policies* (3) Donaldson  
The new types of foreign trade and exchange controls and agreements; causes, growth, and techniques. Mon. and Wed., 12:10 to 1:25 P.M.
- 185-86 *Economic History and Problems of South America* (3-3) Corliss  
Economic development of South America (excluding Colombia and Venezuela). Particular emphasis on economic developments and problems since the First World War. 1946-47 and alternate years, Tues. and Thurs., 7:35 to 8:50 P.M.
- 187-88 *Economic History and Problems of the Caribbean Area* (3-3) Corliss  
Economic developments of Colombia, Venezuela, Mexico, and the Central American and West Indian republics. Particular emphasis on economic developments and problems since the First World War. 1945-46 and alternate years, Tues. and Thurs., 7:35 to 8:50 P.M.
- 190 *International Economic Reconstruction* (3) Donaldson  
Survey of international economic problems in the postwar period; consideration of proposals for postwar reconstruction. (Not offered in 1945-46.)
- 191-92 *Contemporary Banking, Currency, and Exchange in Latin America* (3-3) Corliss  
Survey of monetary and banking developments in important Latin American republics since the First World War. (Not offered in 1945-46.)
- 193-94 *Proseminar in Hispanic American Civilization and Culture* (3-3) Corliss  
Coordination and review course. Open only to candidates majoring in Hispanic American Civilization and Culture. Hours to be arranged.

## THIRD GROUP

- 201-2 *History and Literature of Economic Thought* (3-3) Burns  
Critical analysis and interpretation of the development and the literature of economic thought; origins and problems of the major types of theory; their relation to present problems and policies. Tues., 6:10 P.M.
- 204 *Contemporary Economic Theory* (3) Watson  
Intensive analysis of the recent literature in price theory. Prerequisite: Economics 201-2. Mon., 8:10 P.M.

- 206 *Theory of Employment and Income* (3) Burns  
Analysis of several types of current business-cycle theories; recent works of Keynes and others. Offered in 1946-47 and alternate years.
- 225 *Economic Stabilization Policies* (3) Smithies  
Appraisal of economic policies directed towards the stabilization of the economy, with special attention to the problem of full employment. Hours to be arranged.
- 227 *International Finance* (3) Acheson  
Studies of the monetary history and exchange problems of specific countries. (Not offered in 1945-46.)
- 242 *Labor and Social Economics* (3)  
Analysis of labor problems, with special reference to labor organization; intensive study of federal regulation and participation in capital-labor relations. (Not offered in 1945-46.)
- 244 *Labor Relations* (3) Beyer  
The collective bargaining contract and the elements comprised in it; analysis of the policies of labor and of management. Mon., 8:10 P.M.
- 261 *Problems of Fiscal Policy* (3) Colm  
Special problems: deficit financing; current tax problems; and federal, state, and local financial relationships. Offered in 1946-47 and alternate years.
- 263 *Theory and Literature of Public Finance* (3) Colm  
Survey of the major contributions to the theory and doctrines of public finance. Thurs., 8:10 P.M.
- 265 *Theory of Economic Policy* (3) Watson  
The nature, forms, methods, and objectives of economic policy; the relation of economic theory to economic policy. Mon., 8:10 P.M.
- 270 *Institutional Framework of Economic Policy* (3) Colm  
The structure of government and of the economy in its influence on economic policy; the roles of institutional changes, blocs, and pressure groups. Offered in 1946-47 and alternate years.
- 272 *Interest Groups and Economic Policy* (3) Colm  
The economic policies of business, labor, and farm groups in their relations to the economic policies of government. Hours to be arranged.
- 281 *Theories of International Economics* (3) Donaldson  
Examination and critique of mercantilism, classical international equilibrium analysis, and other schools of world economic thought. Tues., 8:00 P.M.
- 282 *The Balance of International Payments* (3) Donaldson  
Structure and theories of the balance; money and foreign exchange and interrelationships of trade, gold flows, capital movements, etc.; the balance and foreign economic policy formulation. Tues., 8:00 P.M.



- 283-84 *Research in International Economics* (3-3) Donaldson  
Original investigations, analyses, and seminar discussions of special problems and concepts in world economics. (Not offered in 1945-46.)
- 285-86 *Public and Private Finance in Latin America* Corliss  
(3-3)  
Corporate finance, banking, and capital movements in Latin America; fiscal problems; public debt, deficit financing, taxation, public expenditures; foreign-exchange controls and problems. A reading knowledge of Spanish or Portuguese is required. Wed., 8:10 P.M.
- 287-88 *Economic Problems of Latin America* (3-3) Corliss  
Foreign trade and foreign commercial policy; growth of industry and agriculture; government control of economic activity; recent economic trends and problems. (Not offered in 1945-46.)
- 289 *Problems in International Financial Policy* (3) Smithies  
Offered in 1946-47 and alternate years.
- 290 *Problems in International Economic Policy* (3) Smithies  
Exchange stabilization; world financial reconstruction; trade policy. Hours to be arranged.
- 292 *International Economic Organization* (3) Smithies  
Offered in 1946-47 and alternate years.
- 297-98 *Thesis* (School of Government majors) The Staff  
(3-3)
- 299-300 *Thesis* (3-3) The Staff

## EDUCATION

William Cullen French, Ph.D., *Professor of Education*  
 Sidney Bartlett Hall, A.M., Ed.D., LL.D., *Professor of Education*  
 James Harold Fox, A.M., Ed.D., *Professor of Education, Executive Officer*  
 Chester Winfield Holmes, Ed.D., *Adjunct Professor of Education*  
 Benjamin Franklin Kyker, A.M., *Adjunct Professor of Education*  
 Meredith Chester Wilson, B.S., *Adjunct Professor of Education*  
 Ruth Coyner Little, Ph.D., *Associate Professor of Education*  
 Burnice Herman Jarman, A.M., Ed.D., *Associate Professor of Education*  
 Jane Frost Hilder, *Lecturer in Education*  
 Madaline Kinter Remmlein, Ph.D., J.D., *Lecturer in Education*  
 Agnes Kerr Tweedie, A.B., Ed.M., *Lecturer in Education*  
 \*LuVerne Crabtree Walker, A.M., *Lecturer in Education*  
 Charles Edward Bish, A.M., Ed.D., *Lecturer in Education*  
 Helen Barton Goodwin, A.M., *Lecturer in Education*  
 Blake Smith Root, B.S., A.M., *Lecturer in Education*

### CONSULTANT IN RESEARCH

John Kerr Rose, Ph.D., *Research Associate in Education*  
*Minimum requirements for degrees.—See pages 111-12, 115-17.*

### SECOND GROUP

- 109-10 *Learning and Teaching* (3-3) Hall  
 Fall term: psychological bases of teaching and learning, including emphasis upon early childhood development, adolescent growth, individual differences, and mental hygiene. Winter term: principles of teaching. Wed., 7:10 P.M. Conference hour, Wed., 6:10 P.M.  
 Summer term 1945—Education 109 (3).
- 112 *History of American Education* (3) French  
 Tues. and Thurs., 6:10 to 7:25 P.M.
- 123-24 *Reading Problems* (3) Hilder  
 A clinical approach to reading difficulties on elementary and secondary school levels. Sat., 9:10 to 11:00 A.M.
- 131 *Introduction to Teaching* (3) Little  
 For students without teaching experience. Construction of units of work, questioning, assignments, discipline, records and reports. Tues. and Thurs., 6:10 to 7:25 P.M.

\* On leave of absence 1945-46.

- 133-34 *Observation and Cadet Teaching\** (2 to 6) Little  
Education 134, practice-teaching fee, \$4.50 a credit hour. Hours and credits to be arranged individually.
- 136 *Teaching of English* (3) Tweedie  
Specific methods for meeting the problems of the teacher of secondary school English, survey of recent professional publications in the field. Fri., 7:10 to 9:10 P.M. Conference hour: Fri., 6:10 to 7:00 P.M.
- 137 *Teaching of Geography* (3) Little  
Role of geography in an air age, aims and objectives, organization of materials for work, critical examination of texts and other classroom equipment. (Not offered in 1945-46.)
- 138 *Teaching the Social Studies* (3) Little  
War and postwar problems in the teaching of the social studies, aims and methods, classroom and library equipment, evaluation of textbooks, testing. Thurs., 7:35 P.M. Conference hour: Thurs., 6:30 P.M.
- 141-42 *Teaching of Art* (3-3) Goodwin  
(Not offered in 1945-46.)
- 156 *Secondary Education: The Junior and Senior High School* (3) Root  
Development, purpose, relation to elementary education, organization and administration, guidance, program of studies, community relationships, Mon., Wed., and Fri., 6:10 P.M.  
Summer term 1945.
- 167 *Teaching Secretarial Training Courses* (3) Veon  
New methods of teaching secretarial courses: shorthand, typewriting, transcription, secretarial practice, and the fundamentals of business. (Not offered 1945-46.)
- 168 *Teaching Bookkeeping and Related Skills* (3) Veon  
Methods of teaching commercial arithmetic, general business, and bookkeeping. (Not offered in 1945-46.)
- 173 *Adult Education* (3) Jarman  
Extent and organization; interests, needs, and capacities of adult learners; techniques employed in motivating and directing learning activities; reviews of recent literature. (Not offered in 1945-46.)

## THIRD GROUP

- 205-6 *The Curriculum* (3-3) French  
Analysis of basic curriculum literature and procedures. The winter term will be organized as a curriculum workshop with lectures, conferences, and group discussions. Thurs., 7:35 P.M. Conference hour: Thurs., 6:30 P.M.  
Summer term 1945—Education 206 (3).

\* May not be taken for credit by a student registered in Columbian College.



- 211 *Seminar: Twentieth Century Movements in American Education* (3) French  
Historical background of twentieth century movements and leaders. Intensive study of problems of special interest. (Not offered in 1945-46.)
- 213-14 *Seminar: Origins of American Education* (3-3) French  
Historical research in American Education. Tues., 7:35 P.M. Conference hour: Tues., 5:00 P.M.
- 215-16 *Seminar: Great Teachers in American Education* (3-3) French  
A study of great teachers from the colonial period to the present. An attempt will be made to find out the qualities and characteristics that have made these teachers great. (Not offered in 1945-46.)
- 217-18 *Contemporary Problems in Education* (3-3) Jarman  
Fall term: designed to help students formulate a personal philosophy of education. Winter term: a study of the forces that shape the policies and offerings of the school. Mon., 7:10 P.M. Conference hour: (217) Mon., 6:10 P.M.; (218) Mon., 5:00 P.M.  
Summer term 1945—Education 217 (3).
- 221-22 *Seminar: Early Childhood Education* (3-3) Little  
Fall term: home backgrounds, nursery school, and kindergarten situations. Winter term: primary grades. (Not offered in 1945-46.)
- 223 *Remedial Techniques in Basic School Subjects* (3) Little  
Review of research findings and current practices.  
Summer term 1945.
- 224 *New Developments in Children's Literature* (3) Walker  
(Not offered in 1945-46.)
- 225-26 *Seminar: Elementary Education in the Intermediate Grades* (3-3) Little  
A comprehensive study of the major problems of the intermediate grades. Fri., 7:10 P.M. Conference hour: Fri., 6:10 P.M.
- 227 *Contemporary Movements in Elementary Education* (3) Little  
Survey of present practices throughout the United States, trends and their changing emphases, lessons to be learned from the war.  
Summer term 1945.
- 228 *Teaching Materials in the Elementary Grades* (3) Little  
Critical examination of texts, visual and auditory aids, and other materials available to elementary school teachers. Laboratory and discussion.  
Summer term 1945.
- 229-30 *Administration and Supervision of Elementary Education* (3-3) Hall  
Problems of elementary school administrators and supervisors. Hours to be arranged.

241 *Problems in Secondary School Mathematics (3)*

For experienced teachers. Discussion of teaching problems in the light of recent publications, current trends, and modern viewpoints. (Not offered in 1945-46.)

244 *Seminar: Problems in Secondary School Science (3)*

Fox

For experienced teachers. Selection of problems will be based upon the interests and needs of the students. Hours to be arranged.

251 *Principles and Methods in the Senior High School (3)*

For students without teaching experience. Emphasis placed on basic principles, current issues and problems, and methods of instruction. (Not offered in 1945-46.)

255-56 *Seminar: Secondary Education (3-3)*

Fox

Fall term: review of recent literature and practices; particular attention to *Education for All American Youth*, the recent report of the Educational Policies Commission. Winter term: current problems in each of the subject-matter fields. Tues., 6:30 P.M.

Summer term 1945—Education 255 (3).

259-60 *Administration of Secondary Education (3-3)*

Fox

Management problems, master schedule, public relations. Thurs., 7:10 P.M. Conference hour: Thurs., 6:00 P.M.

271 *Administration: the Teacher and School Administration (3)*

Fox

For teachers and prospective administrators. Organization of public education—local, state, and federal; administrative problems of concern to teachers, effective human relationships in administration. Wed., 7:10 P.M. Conference hour: 6:10 P.M.

272 *Supervision: the Teacher and School Supervision (3)*

Fox

Aims and objectives of supervision in relation to wartime demands, personnel problems, supervisory techniques, evaluation of school efficiency. Wed., 7:10 P.M. Conference hour: 6:10 P.M.

Summer term 1945.

273 *Administration: Organization and Administration of a School System (3)*

Hall

For superintendents and those aspiring to this position. Issues, principles, and problems of the superintendency as conditioned by local circumstances. Prerequisite: Education 271 and 272 or the equivalent. Hours to be arranged.

Summer term 1945.

274 *Administration: Management Problems of the Superintendent (3)*

Hall

For superintendents and those aspiring to this position. Business management, the budget, construction of buildings, equipment and supplies, pupil transportation. Prerequisite: Education 273 or the equivalent. Hours to be arranged.

- 275 *Seminar: State School Administration* (3) Hall  
Organization, administration, supervision, instruction, and finance.  
Prerequisite: Education 271 or the equivalent. Hours to be arranged.
- 276 *Seminar: Public Relations in School Administration* (3) Fox  
Factors influencing public approval and disapproval, social interpretation of educational programs, public participation in planning.  
Prerequisite: Education 271 or the equivalent. Hours to be arranged.
- 277 *Supervision of Student Teaching* (3) Little  
For critic teachers. Activities through which the student is inducted into teaching, duties and responsibilities of the training supervisor, evaluation of student teaching. (Not offered in 1945-46.)
- 278 *School Law* (3) Remmlein  
Sources and scope of school law; legal rights and responsibilities of teachers, pupils, and taxpayers. Other legal problems of major interest to the group. Prerequisite: Education 271 or the equivalent. Hours to be arranged.
- 281 *Audio-visual Education* (3) Jarman  
Selection, organization, and utilization of audio-visual aids; emphasis upon demonstration and practice. (Not offered in 1945-46.)
- 283-84 *Employee Training* (3-3) Bish  
Organization and administration of employee-training programs in accordance with operating needs; orientation, supervisory, and skills training; coordination of training with other personnel functions; evaluation of training. Field work is required. Fri., 7:10 P.M. Conference hour: Fri., 6:10 P.M.
- 285 *Extra-classroom Activities* (3) Fox  
Student self-government, assemblies, school publications, clubs, home-room programs, community surveys, field trips.  
Summer term 1945.
- 286 *The Home Room* (3) Fox  
Functions in relation to orientation, guidance, student self-government, administrative routine, and special services. Students will assemble resource materials and plan programs for use in their local situations (Not offered in 1945-46.)
- 287-88 *Clinical Study of Reading Problems* (3-3) Hilder  
For advanced students. Diagnostic work under supervision in the Reading Clinic. Admission by permission of the instructor. Sat. 11:10 A.M. to 1:00 P.M. Individual conferences to be arranged.
- 289-90 *Teacher Education* (3-3) Hall  
Historical background of teacher education; present trends and modifications in the United States. Hours to be arranged.
- 293-94 *Research* (3-3) The Staff  
Individual research under the guidance of a member of the staff. Program and conferences arranged with an instructor.



297-98 *Thesis* (3-3)

Hours to be arranged.

Summer term 1945.

The Staff

CLOSELY RELATED COURSES IN OTHER DEPARTMENTS

Psychology 22, *Introduction to Educational Psychology*

Psychology 121, *Educational Psychology*

Psychology 125, *Child Psychology*

Psychology 129, *Educational and Vocational Guidance*

Psychology 132, *Individual Psychological Testing*

Psychology 134, *Educational and Psychological Measurements*

Psychology 121, *Seminar: Educational Psychology*

Psychology 227x, *Seminar: Techniques of Counseling*

Romance Languages 176, *Teaching of Romance Languages*

Statistics 131, *Statistics in Psychology and Education*

## ELECTRICAL ENGINEERING

\*Norman Bruce Ames, M.S., E.E., LL.B., *Professor of Electrical Engineering*

Forest Klaire Harris, Ph.D., *Professorial Lecturer in Electrical Engineering*

Newbern Smith, M.S. in E.E., Ph.D., *Professorial Lecturer in Electrical Engineering*

Milton Kent Akers, B.S., E.E., *Associate Professor of Electrical Engineering, Acting Executive Officer*

\*Alfred Ennis, M.S., E.E., D.Eng., *Associate Professor of Electrical Engineering*

Edward Iannelli, B.E.E., *Lecturer in Electrical Engineering*

Francis Jerue Gross, B.S. in E.E., *Lecturer in Electrical Engineering*

Dwight Edward Shytle, *Associate in Electrical Engineering*

Edmund Douglas Schreiner, B.E.E., *Associate in Electrical Engineering*

*Minimum requirements for the major.—See pages 95-96, 97-98.*

### FIRST GROUP

9-10 *Elements of Electrical Engineering* (3-3) Akers  
Electrical Engineering 9: magnetic and electric circuits, and direct-current instruments and machines; Electrical Engineering 10: alternating-current circuits, instruments, and machines. Prerequisite: Physics 7. Prerequisite or concurrent registration: Mathematics 20. Section A: Mon., Wed., and Fri., 12:10 P.M.; section B: Mon., Wed., and Fri., 7:10 P.M.

13-14 *Direct- and Alternating-Current Laboratory* (2-2) Shytle  
For the student not majoring in electrical engineering. Experiments in direct and alternating currents and direct- and alternating-current machinery. Prerequisite: Electrical Engineering 10. Laboratory fee, \$6 a term. Section A: Mon., 1:40 P.M.; section B: Fri., 1:40 P.M.; section C: Mon., 8:10 P.M.; section D: Thurs., 8:10 P.M.; section E: Fri., 8:10 P.M.

17-18 *Direct-Current Laboratory* (2-2) Shytle  
For the student majoring in electrical engineering. A course in measurements and direct-current dynamo laboratory. Prerequisite: Electrical Engineering 9-10. Laboratory fee, \$6 a term. Section A: Mon., 1:40 P.M.; section B: Fri., 1:40 P.M.; section C: Mon., 8:10 P.M.; section D: Thurs., 8:10 P.M.; section E: Fri., 8:10 P.M.

\* On war leave 1945-46.

## SECOND GROUP

- 101 *Electric Circuits* (3) Gross  
Alternating-current-circuit theory. Extensive consideration is given to harmonic analysis and to the study of harmonics in both single-phase and polyphase circuits. Prerequisite: Electrical Engineering 10; Physics 55. Mon., Wed., and Fri., 6:10 P.M.
- 102 *Alternating-Current Machinery* (3) Akers  
Synchronous generators and motors, transformers, and mercury arc rectifiers. Prerequisite: Electrical Engineering 101. Mon., Wed., and Fri., 6:10 P.M.
- 103 *Alternating-Current Machinery* (3) Akers  
A continuation of Electrical Engineering 102. Converters, induction motors, single-phase motors, and elementary transmission and distribution of alternating currents. Prerequisite: Electrical Engineering 102. Mon., Wed., and Fri., 6:10 P.M.
- 111-12 *Electrical Measurements* (2-2) Harris  
Theory of direct-current and alternating-current instruments, bridges, and meters. Prerequisite or concurrent registration; Electrical Engineering 101. Tues. and Thurs., 7:10 P.M.
- 125-26 *Principles of Electric Power Transmission* (2-2) Akers  
Mechanical and electrical characteristics of transmission lines, approximate and rigorous solutions by means of hyperbolic functions, steady-state and elementary transient considerations, the more important phases of distribution of electrical energy. Prerequisite: Electrical Engineering 101. (Not offered in 1945-46.)
- 133-34 *Alternating-Current Laboratory* (2-2) Shytle  
A continuation of Electrical Engineering 17-18, with experiments on alternating-current circuits, instruments, and machinery. Prerequisite: Electrical Engineering 18 and 103. Laboratory fee, \$6 a term. Section A: Mon., 1:40 P.M.; section B: Fri., 1:40 P.M.; section C: Mon., 8:10 P.M.; section D: Thurs., 8:10 P.M.; section E: Fri., 8:10 P.M.
- 136 *Hydro-Electric Engineering* (2) Akers  
Present-day theory and practice in hydro-electric engineering. Prerequisite: Electrical Engineering 10; Civil Engineering 136. (Not offered in 1945-46.)
- 137 *Electric Traction* (2) Akers  
Theory and practice of modern direct- and alternating-current railways. Prerequisite: Electrical Engineering 10. (Not offered in 1945-46.)
- 138 *Industrial Electrical Power Applications* (2) Akers  
The characteristics of the various types of electrical motors and other power appliances and the principles governing their applications in industry. Prerequisite: Electrical Engineering 10 and junior standing. Mon. and Fri., 5:10 P.M.



- 140 *Electrical Design (3)* Akers  
Principles of design, with reference to materials of construction and electrical equipment. Practical exercises are assigned in connection with classroom work. Prerequisite: Electrical Engineering 103. Mon. and Fri., 6:10 P.M., and Tues., 8:10 P.M.
- 143-44 *High-Frequency Communication (3-3)* Smith  
Principles of high-frequency communication circuits and fields and of high-frequency measurement. Prerequisite: Electrical Engineering 101; Physics 132. Tues. and Thurs., 6:10 to 7:25 P.M.
- 151-52 *Communication Engineering (2-2)* Iannelli  
Principles of communication circuits and measurements. Particular attention is given to low and intermediate-frequency phenomena. Prerequisite: Electrical Engineering 101; Physics 132. Tues. and Thurs., 6:10 P.M.
- 161-62 *Communications Laboratory (2-2)* Schreiner  
A laboratory course paralleling Electrical Engineering 151-52. Prerequisite or concurrent registration: Electrical Engineering 151. Laboratory fee, \$6 a term. Tues., 8:00 to 10:30 P.M.
- 171 *Advanced Electrical Laboratory (2)* Akers  
Individually assigned laboratory problems. Open only to students who have shown the capacity for independent work. Prerequisite: Electrical Engineering 134. Hours to be arranged.
- 180 *Advanced Electrical Design (2)* Akers  
Individual problems worked out in conference with the instructor. Open only to students who have shown the capacity for independent work. Prerequisite: Electrical Engineering 140. Hours to be arranged.
- 189-90 *Proseminar in Electrical Engineering (1-1)* Akers  
Prerequisite: Electrical Engineering 103. Wed., 5:10 P.M.

## ENGLISH

Robert Whitney Bolwell, Ph.D., *Professor of American Literature*  
 \*Joseph Quincy Adams, Ph.D., Litt.D., *Adjunct Professor of English*  
 Audley Lawrence Smith, Ph.D., *Associate Professor of English*  
 Ernest Sewall Shepard, A.M., *Associate Professor of English, Executive*

### Officer

‡George Winchester Stone, Jr., Ph.D., *Associate Professor of English*  
 Fred Salisbury Tupper, Ph.D., *Associate Professor of English*  
 Charles William Cole, Ph.D., *Associate Professor of English*  
 Maurice Harold Irvine, Ph.D., *Assistant Professor of English*  
 Averett Howard, A.M., *Assistant Professor of English*  
 Katharine Rogers Adams, Ph.D., *Lecturer in English*  
 †William Lewis Turner, A.M., *Instructor in English*  
 ‡Martin Steele Day, A.B., *Instructor in English*  
 Phyllis Annette Nichols, A.B., *Instructor in English*  
 Ruth Preston Lehmann, Ph.D., *Instructor in English*  
 Muriel Hope McClanahan, Ph.D., *Instructor in English*  
 Grace Evelyn Swanson, A.M., *Instructor in English*  
 John Sherwood Weber, A.M., *Instructor in English*

*The major.*—The coordinated knowledge which a student must exhibit in the major in English, and upon which he will be examined at the end of his senior year, is summarized under four general headings: (1) the history of English literature from the Anglo-Saxon period to 1900; (2) the chief English writers (a certain familiarity with each man and his main works and a detailed knowledge of Shakespeare); (3) English social and political history, 1300 to 1900, as it bears upon or is reflected in the literature; (4) European intellectual backgrounds and movements which have affected English literature. It is advised that the student planning to major in English elect courses in English and European historical and intellectual backgrounds before his junior year.

*The major in American Thought and Civilization.*—For details, see the pamphlet on this subject and consult the adviser.

### FIRST GROUP

#### o Remedial English§ (no college credit)

Instruction and drill in grammar, exercises in composition, and study of prose essays for those students inadequately prepared to enter English 1 (offered in the fall and winter terms). Section A: Mon., Wed., and Fri., 10:10 A.M.; section B: Tues., Thurs., and Sat., 10:10 A.M.; section C: Mon., Wed., and Fri., 6:10 P.M.; section D: Tues. and Thurs., 6:10 to 7:25 P.M.; section E: Mon., Wed., and Fri., 8:10 P.M.

#### The Staff

\* On leave of absence 1945-46.

‡ On war leave 1945-46

§ See footnote on page 184.

**1-2 Freshman English\* (3-3)**

The Staff

Review of grammar, exercises in composition, study of prose essays. Section A: Mon., Wed., and Fri., 9:10 A.M.; section B: Tues., Thurs., and Sat., 9:10 A.M.; section C: Mon., Wed., and Fri., 10:10 A.M.; section D: Tues., Thurs., and Sat., 10:10 A.M.; section E: Mon., Wed., and Fri., 11:10 A.M.; section F: Tues., Thurs., and Sat., 11:10 A.M.; section G: Mon., Wed., and Fri., 5:10 P.M.; section H: Mon., Wed., and Fri., 6:10 P.M.; section K: Tues. and Thurs., 6:10 to 7:25 P.M.; section L: Mon., Wed., and Fri., 7:10 P.M.; section M: Mon., Wed., and Fri., 8:10 P.M.

English 1x—same as English 1, but offered winter term. Section A: Mon., Wed., and Fri., 9:10 A.M.; section B: Tues., Thurs., and Sat., 9:10 A.M.; section C: Mon., Wed., and Fri., 10:10 A.M.; section D: Tues., Thurs., and Sat., 10:10 A.M.; section E: Mon., Wed., and Fri., 11:10 A.M.; section F: Tues., Thurs., and Sat., 11:10 A.M.; section G: Mon., Wed., and Fri., 5:10 P.M.; section H: Mon., Wed., and Fri., 6:10 P.M.; section K: Tues. and Thurs., 6:10 to 7:25 P.M.; section L: Mon., Wed., and Fri., 7:10 P.M.; section M: Mon., Wed., and Fri., 8:10 P.M.

English 2x—same as English 2, but offered fall term. Section A: Mon., Wed., and Fri., 9:10 A.M.; section B: Tues., Thurs., and Sat., 9:10 A.M.; section C: Mon., Wed., and Fri., 10:10 A.M.; section D: Tues., Thurs., and Sat., 10:10 A.M.; section E: Mon., Wed., and Fri., 11:10 A.M.; section F: Tues., Thurs., and Sat., 11:10 A.M.; section G: Mon., Wed., and Fri., 5:10 P.M.; section H: Mon., Wed., and Fri., 6:10 P.M.; section K: Tues. and Thurs., 6:10 to 7:25 P.M.; section L: Mon., Wed., and Fri., 7:10 P.M.; section M: Mon., Wed., and Fri., 8:10 P.M.

Summer term 1945.

**3-4 English for Foreign Students (3-3)**

Rogers

A course in reading and writing designed to take the place of English 1-2. Special attention is given to spelling, syntax, grammar, idiom, and vocabulary. Mon., Wed., and Fri., 8:10 P.M.

**9 Sophomore Composition (3)**

Irvine and Staff

A study of types of expository writing with weekly exercises. Prerequisite: English 1-2. Section A: Mon., Wed., and Fri., 11:10 A.M.; section B: Mon., Wed., and Fri., 6:10 P.M.; section C: Mon., Wed., and Fri., 7:10 P.M.

**10 Sophomore Composition (3)**

Irvine and Staff

A study of the modern short story, with exercises in narrative writing. Prerequisite: English 1-2. Section A: Mon., Wed., and Fri., 11:10 A.M.; section B: Mon., Wed., and Fri., 6:10 P.M.; section C: Mon., Wed., and Fri., 7:10 P.M.

**51-52 Introduction to English Literature (3-3)**

Smith

A historical survey. Section A: Tues., Thurs., and Sat., 10:10 A.M.; section B: Tues. and Thurs., 6:10 to 7:25 P.M.

Summer term 1945.

\* Students registered in English 1 are at the beginning of the course tested in the minimum essentials of standard usage, vocabulary, writing skill, and reading speed and comprehension. Those students who show marked superiority may be exempted from one or both terms of the Freshman English course; those who are inadequately prepared to enter English 1 will be assigned to English 0, which carries no college credit.



- 71-72 *Introduction to American Literature (3-3)* Bolwell, Cole  
A historical survey. First half: from the beginnings to the Civil War. Second half: from the Civil War to the present day. Section A: Mon., Wed., and Fri., 10:10 A.M.; section B: Mon., Wed., and Fri., 6:10 P.M.

Summer term 1945.

- 91-92 *Introduction to European Literature (3-3)* Shepard  
Consideration of various types. Section A: Tues., Thurs., and Sat., 9:10 A.M.; section B: Mon., Wed., and Fri., 7:10 P.M.

Summer term 1945.

#### SECOND GROUP

- 115-16 *The Short Story (3-3)* Irvine  
Some study of the technique of the short story and class criticism of student writing. Prerequisite: English 10 with honor grade, or consent of the instructor after submission of a specimen of imaginative writing. Mon., Wed., and Fri., 6:10 P.M.

- 121-22 *English Literature from the Beginnings to 1500 (3-3)*  
Prerequisite: English 51-52, 71-72, or 91-92. Tues. and Thurs., 6:10 to 7:25 P.M.

- 123-24 *Old English (3-3)* Stone  
English language and literature before 1100. Prerequisite: English 51-52, 71-72, or 91-92. (Not offered in 1945-46.)

- 125 *The Evolution of Modern Speech (2)* Stone  
The development of the English language in a historical treatment of English grammar. (Not offered in 1945-46.)

- 129-30 *Elizabethan Nondramatic Literature (3-3)* Tupper  
Nondramatic literature from 1485 to 1603. Prerequisite: English 51-52, 71-72, or 91-92. Mon., Wed., and Fri., 6:10 P.M.

- 135-36 *Shakespeare (3-3)* Tupper  
Prerequisite: English 51-52, 71-72, or 91-92. Mon., Wed., and Fri., 7:10 P.M.  
Summer term 1945—English 136 (3).

- 139-40 *The Seventeenth Century (3-3)* Irvine  
English Literature from 1603 to 1660. Prerequisite: English 51-52, 71-72, or 91-92. Mon., Wed., and Fri., 10:10 A.M.

- 141-42 *The Neoclassical Movement (3-3)* Smith  
Poetry and prose from 1660 through the mid-eighteenth century. Prerequisite: English 51-52, 71-72, or 91-92. Mon., Wed., and Fri., 11:10 A.M.

- 151-52 *The Romantic Movement (3-3)* Smith  
From the mid-eighteenth century through Shelley and Keats. Prerequisite: English 51-52, 71-72, or 91-92. Mon., Wed., and Fri., 9:10 A.M.

Summer term 1945.

- 161-62 *Victorian Literature* (3-3) Shepard  
Poetry and prose from 1830 to 1890. Prerequisite: English 51-52, 71-72, or 91-92. Mon., Wed., and Fri., 5:10 P.M.  
Summer term 1945—English 162 (3).
- 171-72 *Studies in American Literature* (3-3) Cole  
Major factors in the national cultural tradition as shown by outstanding writers. Prerequisite: English 51-52 or 71-72. Mon., Wed., and Fri., 11:10 A.M.
- 175 *The American Drama* (3) Bolwell, Cole  
Reading and analysis of significant plays, from the beginnings to the present day. Mon., Wed., and Fri., 7:10 P.M.  
Summer term 1945.
- 176 *The American Novel* (3) Cole  
Chronological development of fiction from the beginnings through the 1920's. Mon., Wed., and Fri., 7:10 P.M.
- 177-78 *Recent American Literature* (3-3) Bolwell  
Modern trends and significant writers of the 1930's and 1940's. First half: poetry and criticism. Second half: fiction and drama (including motion pictures). Tues. and Thurs., 6:10 to 7:25 P.M.  
Summer term 1945—English 178 (3).
- 179-80 *Proseminar: Readings for American Civilization Major* (3-3) Bolwell, Cole  
Conferences and group discussions. Wed., 8:00 P.M.
- 181 *The English Novel* (3) Smith  
Major English novelists from Richardson to the Brontës. Prerequisite: English 51-52, 71-72, or 91-92. Tues., Thurs., and Sat., 11:10 A.M.
- 182 *The English Novel* (3) Shepard  
Major English novelists from Dickens to Hardy. Prerequisite: English 51-52, 71-72, or 91-92. Tues., Thurs., and Sat., 11:10 A.M.
- 183-84 *The English Drama* (3-3) Tupper  
The first half is concerned principally with the drama of Shakespeare's contemporaries. The second half is a historical survey from 1660 to the present day. Tues., Thurs., and Sat., 10:10 A.M.  
Summer term 1945—English 184 (3).
- 199-200 *Proseminar: Readings for the English Literature Major* (3-3) Tupper  
Conferences and group discussions. Section A: Mon., 1:00 to 4:00 P.M.; section B: Thurs., 7:35 to 10:30 P.M.

## THIRD GROUP

- 201-2 *Methods and Materials in Elizabethan Research* (3-3) J. Q. Adams  
Open only to the graduate student. Admission by permission of the instructor. (Not offered in 1945-46.)

- |         |   |           |
|---------|---|-----------|
| 235-36  | <i>Seminar in Shakespeare</i> (3-3)   | Tupper    |
|         | Prerequisite: English 135-36. (Not offered in 1945-46.)                         |           |
| 241-42  | <i>Studies in Neoclassical Literature</i> (3-3)                                 | Smith     |
|         | Prerequisite: English 141-42. (Not offered in 1945-46.)                         |           |
| 251-52  | <i>Studies in the Romantic Movement</i> (3-3)                                   | Smith     |
|         | Prerequisite: English 151-52. (Not offered in 1945-46.)                         |           |
| 271-72  | <i>Seminar: American Literature</i> (3-3)                                       | Bolwell   |
|         | Prerequisite: English 171-72 or the equivalent. Mon., 8:00 P.M.                 |           |
| 295-96  | <i>History of English Literary Criticism</i> (3-3)                              | Smith     |
|         | Open to the undergraduate with the approval of the instructor. Tues., 8:00 P.M. |           |
| 299-300 | <i>Thesis</i> (3-3)   | The Staff |

## RELATED COURSE IN ANOTHER DEPARTMENT

Education 136, *Teaching of English*



## GEOGRAPHY

Harold Thompson Straw, Ph.D., *Lecturer in Geography*

### FIRST GROUP

#### 1-2 *Introduction to Geography* (3-3)

An introductory study of geography. Fall term: physical elements, the human habitat; winter term: natural and cultural regions economic occupancy of the earth, and utilization of its resources. Mon., Wed., and Fri., 9:10 A.M.

Summer term 1945 (Straw).

### SECOND GROUP

#### 101 *The Geography of North America* (3)

Straw

A regional study of the continent of North America, with emphasis upon Anglo-America. The natural conditions, cultural problems, and occupational crises of the various regions are stressed. Mon., Wed., and Fri., 6:10 P.M.

#### 102 *The Geography of South America* (3)

Straw

A regional study of the various countries of South America, their contrasts, problems, and the possibility of future development. Emphasis is placed upon the A-B-C countries. Mon., Wed., and Fri., 6:10 P.M.

## GEOLOGY

\_\_\_\_\_, *Assistant Professor of Geology*

*Minimum requirements for the major.*—Twenty-four credit hours of geology beyond the first-group courses.

### FIRST GROUP

**5 *Field Geology* (6)**

Field trips to neighboring localities of geological interest, with class-room study. (Not offered in 1945-46.)

**21-22 *Physical and Historical Geology* (3-3)**

Survey course covering the principles of physiography, geology, and mineralogy. (Not offered in 1945-46.)

### SECOND GROUP

**121-22 *Paleontology* (3-3)**

Lectures and laboratory work on classification and structure of fossil invertebrates, vertebrates, and plants, including their use as guide fossils in stratigraphic geology. (Not offered in 1945-46.)

**123-24 *Regional Geology of North and South America* (3-3)**

Lectures and map work on the physiographic regions of the Western Hemisphere, stressing the relationship between geology and geography and culture. (Not offered in 1945-46.)

**125-26 *Regional Geology of the Eastern Hemisphere* (3-3)**

Alternating with Geology 123-24 and with it completing a survey of the world. (Not offered in 1945-46.)

### THIRD GROUP

**215-16 *Seminar* (3-3)**

Detailed study and presentation by the class and instructor of some phase of geology with review of current literature. (Not offered in 1945-46.)

**227-28 *Research***

Original work on individual problems, including a digest of the published record. (Not offered in 1945-46.)

**299-300 *Thesis* (3-3)**

(Not offered in 1945-46.)

## GERMANIC LANGUAGES AND LITERATURES

Edward Henry Sehrt, Ph.D., *Professor of German, Executive Officer*  
 Gretchen Louisa Rogers, Ph.D., *Assistant Professor of German*  
 Wolfram Karl Legner, Ph.D., *Assistant Professor of German*

*Minimum requirements for the major.*—Twenty-four credit hours of German beyond first-group courses.

### FIRST GROUP

†1-2 *First-year German* (3-3) Rogers, Legner  
 The essentials of German grammar; translation of easy prose. Section A: Mon., Wed., and Fri., 10:10 A.M.; section B: Tues. and Thurs., 11:10 A.M. to 12:25 P.M.; section C: Mon., Wed., and Fri., 6:10 P.M.; section D: Mon., Wed., and Fri., 7:10 P.M.  
 Summer term 1945.

†5-6 *Second-year German* (3-3) Rogers, Legner  
 Selections from modern German prose; review of grammar. Prerequisite: German 1-2 or two years of high school German. Section A: Tues., Thurs., and Sat., 9:10 A.M.; section B: Mon., Wed., and Fri., 7:10 P.M.  
 Summer term 1945.

### SECOND GROUP

†101-2 *Rapid Readings in Modern German Prose* (3-3) Sehrt and Staff  
 Section A: Tues., Thurs., and Sat., 10:10 A.M.; section B: Mon., Tues., and Wed., 8:10 P.M.

†103-4 *Goethe's "Faust"* (3-3) Sehrt  
 (Not offered in 1945-46.)

†105-6 *German Classicism* (3-3) Sehrt  
 Particularly the works of Goethe and Schiller. Hours to be arranged.

†107-8 *Advanced Prose Composition* (1-1) Rogers  
 Section A: Sat., 10:10 A.M.; section B: Tues., 8:10 P.M.

109-10 *German Drama since 1800* (3-3) Sehrt  
 Dramas of Kleist, Grillparzer, Hebbel, and Hauptmann. Hours to be arranged.

†111-12 *The German Romantic Movement* (3-3) Sehrt  
 Hours to be arranged.

†113-14 *Scientific German* (1-1) Legner  
 Prerequisite: German 5-6 or the equivalent. Fri., 8:10 P.M.



†119-20 *Survey of German Literature* (3-3) Sehrt  
Mon., Wed., and Fri., 7:10 P.M.

†121-22 *Conversation and Composition* (3-3) Rogers  
Prerequisite: German 5-6 or the equivalent. Mon., Wed., and Fri.,  
6:10 P.M.

## THIRD GROUP

†201-2 *Middle High German* (3-3) Sehrt  
Hours to be arranged.

†205-6 *Gothic* (3-3) Sehrt  
Introduction to the comparative study of the Germanic languages.  
Hours to be arranged.

†209-10 *Old High German* (3-3) Sehrt  
Hours to be arranged.

213-14 *Old Norse* (3-3) Sehrt  
Hours to be arranged.

215 *The German "Novelle"* (3) Rogers  
Hours to be arranged.

218 *The German Lyric from Opitz to Rilke* (3) Legner  
Hours to be arranged.

221 *Introduction to Linguistics* Sehrt  
Linguistics and comparative philology. Admission by permission of  
the instructor. Hours and credits to be arranged.

222 *Indo-European Languages* Sehrt  
Application of the laws of sound change in language; origin and de-  
velopment of suffixes and inflections; syntax. Hours and credits to be  
arranged.

†223-24 *Sanskrit* (3-3) Sehrt  
Introduction to comparative Indo-European grammar. Hours to be  
arranged.

299-300 *Thesis* (3-3) The Staff

## HEALTH ADMINISTRATION

Daniel LeRay Borden, A.M., M.D., *University Surgeon, Director*  
Frank Adelbert Hornaday, M.S., M.D., *Consulting University Physician*  
Robert Howe Harmon, A.B., M.D., *University Physician*  
Ronald Atmore Cox, A.B., M.D., *Associate University Physician (Eye)*  
Jeter Carroll Bradley, M.D., *Associate University Physician (Nose and Throat)*

\*Charles Seymour Coakley, M.D., *Associate University Physician*  
\*Richard Bernard Castell, A.B., M.D., *Associate University Physician*  
Harold Heiges, A.B., M.D., *Associate University Physician*  
William Duvall Claudy, A.B., M.D., *Associate University Physician*  
Sally Steele MacDonald, A.B., M.D., *Associate University Physician*  
Robert Custis Grubbs, A.B., M.S., M.D., *Associate University Physician*

The payment of the University fee entitles the student to health services hereinafter described. Through student reports and those of University officials, the University attempts to keep informed as to all cases of illness among its students. This service is primarily diagnostic in its intent. It also provides first aid in the event of an emergency.

Medical privileges include: (1) the physical examination of every student entering from secondary school;† (2) three visits by the University physician or surgeon, office or residence (District of Columbia) in any one illness, exclusive of a specialist, surgical operation, laboratory, or X-ray examination; (3) hospitalization, including board, medicine, and nursing in the University Hospital for not more than two weeks during a school year—the necessity to be determined by the Director of Health Administration. The duration of hospitalization period (maximum, two weeks) is also to be determined by the Director of Health Administration.

This medical benefit does not apply to illness or disability incurred previous to the University term or prior to payment of the University registration fee.

The student is allowed, if he so desires, to engage physicians and nurses of his own choice, but when he does so he will be responsible for the fees charged.

Rules: (1) The Director of Health Administration is empowered to limit or deny the medical benefits where, in his discretion, a student has, by his misconduct or breach of the rules of the University, made himself ineligible; (2) the Director of Health Administration has authority to determine the necessity and length of hospitalization; (3) a student who has severed his connection with the University is ineligible for medical benefits; (4) a student intending to train for an athletic team is required to pass a thorough examination at the beginning of each term; (5) the above regulations apply also during the summer term of the University.

The University is not responsible for injuries received in inter-collegiate or intra-mural games, or in any of the activities of the physical education departments.

\* On war leave 1945-46.

† A charge of \$2 is made by the University if a student fails to appear for a physical examination during the period set for this purpose.

## HISTORY

Elmer Louis Kayser, Ph.D., *Professor of European History, Acting Executive Officer*

Lowell Ragatz, Ph.D., *Professor of European History*

Alva Curtis Wilgus, Ph.D., *Professor of Hispanic American History*

\*Wood Gray, Ph.D., *Professor of American History*

\*Howard Maxwell Merriman, Ph.D., *Associate Professor of American Diplomatic History*

George Howland Cox, *Lecturer on Hispanic American History*

Robert Francis Campbell, A.M., *Associate in American History*

*The major.*—Candidates for the major in history may follow the departmental plan or the field-of-study plan in fulfillment of their requirements.

*The departmental major.*—Prerequisite: History 39-40 and 71-72. Required: twenty-four credit hours of second- and third-group courses including one six-hour seminar. Recommended in addition: Introductory Economics, International Law, and History of Philosophy.

*The field-of-study major.*—Prerequisite: History 39-40 and 71-72. The field-of-study major indicates a knowledge of four fields of history selected from the following list, attested by major examinations: (1) the literature and method of history (required); (2) backgrounds of the modern world, to 1500; (3) modern and contemporary Europe; (4) diplomatic history and modern imperialism; (5) development of the United States; (6) Hispanic American civilization. A six-hour research seminar, exclusive of History 199-200, is a required part of each major's program to give training in fundamental techniques. For details of courses and readings offering preparation for the major examinations see the pamphlet on this subject or consult the adviser.

### FIRST GROUP

#### 39-40 *The Development of European Civilization (3-3)*

Kayser, Ragatz

Primarily for freshmen. Fall term: the political, social, economic, and cultural history of the Old World from ancient times to 1500; winter term: from 1500 to the present. Section A: Mon., Wed., and Fri., 9:10 A.M.; section B: Mon., Wed., and Fri., 6:10 P.M.

Summer term 1945.

#### 71-72 *The Development of American Civilization (3-3)*

Campbell

Primarily for sophomores. Fall term: the political, social, economic, and cultural forces of the United States in their world setting from 1492 to 1865; winter term: from 1865 to the present. Section A: Mon., Wed., and Fri., 9:10 A.M.; section B: Mon., Wed., and Fri., 7:10 P.M.

Summer term 1945.

\* On war leave 1945-46.



## SECOND GROUP\*

- 120 *Intellectual Aspects of the Renaissance and the Reformation* (3) Kayser  
Aspects of the development of the modern mind approached through a study of the lives and contributions of outstanding personalities of the period. (Not offered in 1945-46.)
- 130 *Nationalism* (3) Kayser  
The historical evolution of modern nationalism. Mon., Wed., and Fri., 9:10 A.M.
- 139 *Modern Imperialism* (3) Ragatz  
Mon., Wed., and Fri., 6:10 P.M.
- 141 *Africa and Europe in the Nineteenth and Twentieth Centuries* (3) Ragatz  
Mon., Wed., and Fri., 11:10 A.M.
- 142 *Asia and the Western World in the Nineteenth and Twentieth Centuries* (3) Ragatz  
Mon., Wed., and Fri., 11:10 A.M.
- 143 *Modern Europe, 1815-1914* (3) Ragatz  
A comprehensive survey of Old World history from the Congress of Vienna to the outbreak of the First World War. Tues. and Thurs., 6:10 to 7:25 P.M.
- 144 *Europe since 1914* (3) Ragatz  
The First World War and its aftermath. Tues. and Thurs., 6:10 to 7:25 P.M.
- 145 *International Relations, 1919-1945* (3) Ragatz  
Mon., Wed., and Fri., 9:10 A.M.
- 147 *Economic History of Europe* (3) Ragatz  
A survey from ancient times to the present day. (Not offered in 1945-46.)
- 148 *The Second World War and Reconstruction* (3) Ragatz  
Summer term 1945.
- 149 *European Diplomatic History* (3) Kayser  
Summer term 1945.
- 151-52 *English History* (3-3) Kayser  
A general survey course. Mon., Wed., and Fri., 10:10 A.M.
- 161-62 *Hispanic American Civilization* (3-3) Wilgus  
Development of political, economic, social, and institutional affairs of the Ibero-American colonies (fall term) and the period since independence (winter term). Mon., Wed., and Fri., 6:10 P.M.  
History 161X—same as History 161, but offered winter term, Mon., Wed., and Fri., 10:10 A.M.

\* For each course in the second group, the appropriate course in the first group is prerequisite.

History 162x—same as History 162, but offered fall term, Mon., Wed., and Fri., 10:10 A.M.

Summer term 1945—History 162 (3).

- 163-64 *Pan American Problems* (3-3) Wilgus  
Mon., Wed., and Fri., 11:10 A.M.  
Summer term 1945—History 163 (3).

- 165 *The United States and Latin America* (3) Wilgus  
(Not offered in 1945-46.)

- 167-68 *Latin American and Inter-American Problems* Cox  
(2-2)

Lectures on social, educational, political, and commercial affairs of the Americas. Open to the public as auditors without credit. Prerequisite: 167 for students taking 168 in the winter term. Sponsored by the Inter-American Center. Tues., 3:10 to 5:00 P.M.

- 171-72 *Social History of the United States* (3-3)  
Daily life, institutions, intellectual and artistic achievements. Fall term: the Agrarian Era, 1607-1861; winter term: the Urban-Industrial Era, 1861 to the present time. Mon., Wed., and Fri., 7:10 P.M.

- 174 *Economic History of the United States* (3) Gray  
Main trends in the development of American agriculture, industry, and trade since 1607, with emphasis on tendencies and problems since the Civil War.  
Summer term 1945.

- 181-82 *Diplomatic History of the United States*  
(3-3)  
Tendencies toward isolation, expansion, and collectivism; disputes with foreign countries and their settlement; and the activities of the American secretaries of state and diplomatic agents. Fall term: to the Civil War; winter term: since the Civil War. Mon., Wed., and Fri., 6:10 P.M.  
Summer term 1945—History 182 (3).

- 191-92 *Current History* (1-1) Kayser  
Contemporary events in their world setting. Section A: Sat., 11:10 A.M.; section B: Mon., 8:10 P.M.  
Summer term 1945—History 191 (1)

- 199-200 *Proseminar: The Literature and Method of History* (3-3) Kayser  
Limited to majors in history. Fall term: history and historians; winter term: supervised reading in preparation for the major examinations. (Not offered in 1945-46.)

### THIRD GROUP

- 241-42 *Seminar in Modern European History* (3-3) Ragatz  
Alliances and alignments, 1873-1939. Prerequisite: History 39-40 or 151-52 and instructor's approval. Thurs., 8:00 to 10:00 P.M.

- 261-62 *Hispanic American Historiography* (3-3) Wilgus  
Hours to be arranged.
- 271-72 *Seminar in American History* (3-3) \_\_\_\_\_  
Hours to be arranged.
- 281-82 *Seminar in the History of the Americas* (3-3) Wilgus  
Prerequisite: History 71-72 and instructor's approval. Mon., 8:00  
to 10:00 P.M.
- 291-92 *Seminar* (3-3) The Staff  
Prerequisite: approval of the Department. Hours to be arranged.
- 299-300 *Thesis* (3-3) The Staff  
Required of all candidates for the Master's degree specializing in  
history.



## HOME ECONOMICS

Frances Kirkpatrick, A.M., *Associate Professor of Home Economics,*  
*Executive Officer*

Kathryn Mildred Towne, A.M., *Associate Professor of Home Economics*

Margaret Olive Osborn, M.S., *Assistant Professor of Home Economics*

Ruth Ann Wells, B.S., *Associate in Home Economics*

*Minimum requirements for the degree.—See pages 111, 112*

### FIRST GROUP

- 1 *Food Selection and Preparation* (3) Kirkpatrick  
Composition, selection, and preparation of food; analysis of recipes; standard products; planning, preparing, serving, and estimating the cost of meals. Material fee, \$10.00. Section A: Mon. and Wed., 1:40 to 4:30 P.M.; section B: Tues. and Thurs., 1:40 to 4:30 P.M.  
Home Economics 1x—same as Home Economics 1, but offered winter term. Mon. and Wed., 6:10 to 9:00 P.M.
- 3 *Nutrition and Its Relation to Health* (3) Osborn  
Open to men and women. Nutritional requirements and the relation of foods to the maintenance and promotion of health; the factors which influence the nutritive value of foods and the recent trends in dietary habits. Mon., Wed., and Fri., 6:10 P.M.
- 22 *Clothing: Its Selection, Cost, and Care* (3) Towne  
Clothing selection—the economic, aesthetic, and hygienic aspects; the application of the principles of color and design to individual selection; the care of clothing. Mon., Wed., and Fri., 10:10 A.M.  
Home Economics 22x—same as Home Economics 22, but offered fall term, Mon., Wed., and Fri., 6:10 P.M.
- 24 *Consumer Problems Arising Out of the War* (3) Towne  
Open to men and women. Adjustment of expenditures to current incomes; postwar family living conditions. (Not offered in 1945-46.)
- 51 *Family Meals* (3) Kirkpatrick  
The choice, purchase, preparation, and service of foods; dietary standards, food habits, and the nutritional needs of the family; problems of purchasing, care, and use of food by the consumer. Material fee, \$6.00. Tues. and Thurs., 6:10 to 9:00 P.M.  
Home Economics 51x—same as Home Economics 51, but offered winter term, Wed. and Fri., 11:10 A.M. Laboratory—Mon., 11:10 to 1:30 P.M.
- 52 *Food Problems* (3) Kirkpatrick  
Factors affecting the preparation of standard products from the experimental viewpoint; principles of food demonstrations. Material fee, \$10.00. (Not offered in 1945-46.)

- 54x *Family Health and Household Sanitation* Kirkpatrick  
(3)  
Home hygiene and home care of the sick; the principles of household sanitation in relation to health and disease. Material fee, \$3.00. Wed. and Fri., 11:10 A.M. Laboratory—Mon., 11:10 A.M. to 1:00 P.M.
- 62 *Clothing Construction* (3) Towne  
Techniques of construction suitable for cotton, wool, and rayon fabrics; the use of commercial patterns and their alteration; the proper selection of color, design, and fabric. Material fee, \$3.00. Mon. and Wed., 1:40 to 4:30 P.M.
- 71 *Costume Design and Fashion Economics* (3) Towne  
Factors determining fashions and effect on cost of clothing; problems of the consumer of textiles and clothing; historic costume and its relation to modern dress. Material fee, \$3.00. Tues. and Thurs., 1:40 to 3:00 P.M.
- 72 *Household Textiles* (3) Towne  
Properties, uses, and tests of the different textile fibers and fabrics, and development of judgment and knowledge of standard for the consumer of clothing and house-furnishing material. Material fee, \$3.00. Tues. and Thurs., 6:10 to 8:00 P.M.

## SECOND GROUP

- 102 *Advanced Food Preparation* (3) Kirkpatrick  
The application of the fundamental processes of food preparation to a wider range of food materials and various services for different occasions. Material fee, \$10.00. Tues. and Thurs., 9:10 P.M. to 12:00 M.
- 123 *Household Finance and Problems of the Consumer* (3) Towne  
Economic problems of the family in modern industrial society; family income; income apportionment and household expenditures; laws affecting the home; investments; consumer buying. Tues. and Thurs., 11:10 A.M. to 12:30 P.M.
- 143 *Advanced Clothing Construction* (3) Towne  
Problems of clothing construction, including renovation, flat pattern designing. Material fee, \$3.00. (Not offered in 1945-46.)
- 152 *Nutrition and Dietetics* (3) Kirkpatrick  
Principles of normal and abnormal human nutrition; calculation and preparation of dietaries. Material fee, \$3.00. (Not offered in 1945-46.)
- 164 *Child Nutrition* (3) Kirkpatrick  
Basic principles in nutrition and growth of the infant, pre-school, and adolescent child in health and disease. Mon., Wed., and Fri., 6:10 P.M.
- 168 *Institutional Management* (3) Kirkpatrick  
Study of the organization, equipment, and marketing problems of institutions. Tues. and Thurs., 1:40 to 3:30 P.M.

- 171 *House Furnishing* (3) Towne  
Home planning from the historic, artistic, economic, and sanitary viewpoints; home furnishings such as linens, dishes, floor covering, mattresses, etc. Material fee, \$3.00. Mon. and Wed., 7:10 to 9:00 P.M.
- 192 *The Home, Its Management and Equipment* (3) Kirkpatrick  
Economical management of the home; distribution of time and energy; problems in the selection, arrangement, and care of equipment. (Not offered in 1945-46.)
- 195-96 *Special Problems* (3-3) The Staff  
Individual investigation or study under the guidance of a member of the staff. Suggested problems are: home economics education, marketing, tailoring, and draping. Program and conferences arranged with an instructor.
- 197-98 *Proseminar* (3-3) The Staff  
The study of the most recent materials and problems in the various phases of home economics. Thurs., 7:10 to 9:00 P.M.

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#### SPECIAL PROGRAM OF INTENSIVE COURSES FOR NAVY NURSES

Review of Biochemistry (2); Quantity Cookery (3); Review of Physiology (2); Institutional Management (3); Food Selection (3); Food Sanitation (3); Food Preparation (3); Diet Therapy (4); Meal Planning and Service (3); Special Diet Preparation (3); Nutrition (3).  
A limited number of other students may enroll for these courses.  
Admission by permission of a member of the nutritional staff.

Kirkpatrick, Towne, Osborn



## JOURNALISM

\*John William Thompson, Jr., A.B., *Lecturer in Journalism*

‡Merlo John Pusey, A.B., *Lecturer in Journalism*

### FIRST GROUP

#### 11-12 *Journalism Survey* (3-3)

History of journalism; survey of character and content of leading newspapers to develop intelligent reading necessary for future work in journalism; practice in news writing. Laboratory fee, \$3 a term. (Not offered in 1945-46.)

### SECOND GROUP

#### 111-12 *Reporting* (3-3)

Techniques of newspaper reporting and copy reading; instruction and practice in modern methods of gathering and presenting news. Prerequisite: Journalism 11-12 or the equivalent. Laboratory fee, \$3 a term. (Not offered in 1945-46.)

#### 113-14 *Reporting of National and International Affairs* (3-3)

Training in the coverage and presentation of national and international news; special consideration of the qualifications necessary for Washington correspondence and press-association reporting. Prerequisite: Journalism 111-12 or the equivalent. Laboratory fee, \$3 a term. (Not offered in 1945-46.)

#### 121-22 *Feature Writing* (3-3)

Instruction and practice in the writing of special feature articles, material for which is obtained through independent investigation. Prerequisite: Journalism 11-12 or the equivalent. (Not offered in 1945-46.)

#### 141-42 *Advertising* (3-3)

The objectives and methods of advertising from its beginning to the present; training in the writing and selling of advertising as practiced in newspaper, magazine, radio, and other fields. (Not offered in 1945-46.)

#### 151-52 *Editorial Writing* (3-3)

Current events from the standpoint of editorial interpretation; editorial research methods; instruction and practice in the writing of editorials, and columns on public affairs. Prerequisite: Journalism 111-12 or the equivalent. (Not offered in 1945-46.)

\* On war leave 1945-46.

‡ On leave of absence 1945-46.

## LAW

William Cabell Van Vleck, A.B., LL.B., S.J.D., *Professor of Law,*  
*Executive Officer*

Charles Sager Collier, A.B., LL.B., S.J.D., *Professor of Law*  
 Hector Galloway Spaulding, B.S., LL.B., S.J.D., *Professor of Law*  
 \*William Thomas Fryer, A.B., LL.B., J.D., *Professor of Law*  
 Saul Chesterfield Oppenheim, A.M., J.D., S.J.D., *Professor of Law*  
 \*Carville Dickinson Benson, A.B., LL.B., S.J.D., *Professor of Law*  
 \*James Forrester Davison, A.B., LL.M., S.J.D., *Professor of Law*  
 Thomas Armitage Larremore, A.M., LL.B., M.S. in Mus., *Visiting Professor of Law*

Loyd Hall Sutton, B.S., LL.B., *Adjunct Professor of Law*  
 Spencer Gordon, A.B., LL.B., *Adjunct Professor of Law*  
 Conway Peyton Coe, A.B., LL.B., *Adjunct Professor of Law*  
 Levi Russell Alden, A.M., LL.B., *Adjunct Professor of Law*  
 George Bowdoin Craighill, A.B., LL.B., *Adjunct Professor of Law*  
 James Ward Morris, A.B., *Adjunct Professor of Law*  
 James Oliver Murdock, Ph.B., LL.B., *Adjunct Professor of Law*  
 \*John Albert McIntire, A.B., LL.B., *Associate Professor of Law*  
 \*William Randall Compton, M.B.A., LL.B., J.S.D., *Associate Professor of Law*

\*Chester Charles Ward, B.S., LL.M., *Associate Professor of Law*  
 †Clarence Altha Miller, LL.M., *Lecturer in Law*  
 James Robert Kirkland, A.B., LL.M., *Lecturer in Law*  
 \*James Albert Pike, A.B., LL.B., J.S.D., *Lecturer in Law*  
 Justin Lincoln Edgerton, A.B., LL.B., *Lecturer in Law, Clerk of the Moot Court*

William Leigh Ellis, A.B., LL.M., *Lecturer in Law*

### 101 *Agency* (4)

Problems of agency in the conduct of business.  
 Summer term 1945.

### 105 *Civil Procedure* (4)

Larremore

Function and composition of pleadings, including their relation to proof. Emphasis is upon reforms, as exemplified by modern code provisions and the Federal Rules of Civil Procedure. Clark, *Cases on Pleading and Procedure*, 2d ed. Tues. and Thurs., 6:20 to 8:00 P.M.

\* On war leave 1945-46.

† On leave of absence 1945-46.

**III Contracts (4)****Spaulding**

Promissory obligation: offer and acceptance, consideration, statute of frauds, formal instruments, rights of third parties, assignments, and joint obligations. Williston, *Cases on Contracts*, 4th ed. Section A: Tues. and Fri., 10:10 A.M. to 12:00 M.; section B: Tues. and Thurs., 6:20 to 8:00 P.M.

Summer term 1945.

**123-24 Criminal Law and Procedure (2-2)****Kirkland**

Elements of criminal liability; specific crimes; combinations of persons in crime; criminal procedure. Harbo, *Cases and Materials*. Wed., 6:20 to 8:00 P.M.

**129 Judicial Process I (2)**

Benson and Fryer, *Readings on the study of Law and the Anglo-American Legal System*.

Summer term 1945.

**133 Property I (4)****Larremore**

Concepts of property, possession and ownership, and of legal relations with respect to chattels and documentary intangibles created by gift, sale, pledge, lien, bailment, etc. Larremore, *Cases on Property*; Fryer, *Readings on Personal Property*, 3d ed. Section A: Wed. and Thurs., 10:10 A.M. to 12:00 M.; section B: Mon. and Fri., 6:20 to 8:00 P.M.

**138 Property II (4)****Spaulding**

Real property; introduction; estates, seisin, landlord and tenant; future interests at common law and under the statutes of uses and wills; merger; elementary study of remoteness and powers; adverse possession; prescription; natural rights. Fraser, *Cases on Property*, Vol. I and II. Section A: Tues. and Fri., 10:10 A.M. to 12:00 M.; section B: Tues. and Thurs., 6:20 to 8:00 P.M.

**142 Torts (4)****Van Vleck**

Civil liability for harms to legally protected interests. Thurston and Seavey, *Cases on Torts*. Section A: Wed. and Thurs., 10:10 A.M. to 12:00 M.; section B: Mon. and Fri., 6:20 to 8:00 P.M.

**213 Constitutional Law I (4)****Collier**

Historical introduction; judicial approach and methods; doctrine of the separation of powers; powers of the National Government; the federal system; relation of the state courts and the federal courts. Dodd, *Cases on Constitutional Law*, 3d ed. Section A: Wed. and Fri., 10:10 A.M. to 12:00 M.; section B: Mon. and Fri., 6:20 to 8:00 P.M.

**231 Equity (4)****Spaulding**

Specific performance of contracts; equitable conversion; statute of frauds; mutuality; conditions; defenses; equitable servitudes; powers of an equity court; effect of decrees. Cook, *Cases on Equity*, 1 volume 3d ed. Mon. and Fri., 6:20 to 8:00 P.M.

**241 Property III (2)**

Conveyances, rents, easements, profits, licenses, covenants running with the land, and recording.

Summer term 1945.



242 *Evidence* (4)

Functions of court and jury; witnesses; hearsay, opinion, and circumstantial evidence; proof of authenticity; and contents of writings. Tracy, Cases and Materials on Evidence; Clark, Cases on Pleading and Procedure, 2d ed. Mon. and Fri., 6:20 to 8:00 P.M.

Summer term 1945.

246 *Negotiable Instruments* (4)

Oppenheim

Bills of exchange, promissory notes and checks, especially under the Negotiable Instruments Law. Britton, Cases on Negotiable Instruments. Tues. and Thurs., 6:20 to 8:00 P.M.

Summer term 1945.

251 *Quasi Contracts* (2)

Legal remedies for restitution of benefits obtained or conferred by performance of contract, misrepresentation, mistake, and coercion. Thurston, Cases on Restitution. (Not offered in 1945-46.)

254 *Wills* (2)

Formation and revocation of wills; testate and intestate succession. (Not offered in 1945-46.)

262 *Security Transactions* (4)

Security interest in real and personal property, their creation, transfer, enforcement, and extinguishment, together with security problems in the fields of suretyship and bankruptcy. (Not offered in 1945-46.)

304 *Administrative Law I* (4)

Collier

Legislative setting for administrative bodies; judicial control of administrative action, public utilities, taxation, alien laws. Federal Trade Commission, workmen's compensation, etc. Stason, Cases on Administrative Law. Mon. and Fri., 6:20 to 8:00 P.M.

312 *Business Associations I* (4)

Spaulding

Forms of business associations; legal requirements as to contributions of capital; powers and rights of corporations, corporate officials, and shareholders. Frey, Cases on Business Associations. Mon. and Fri., 6:20 to 8:00 P.M.

315 *Conflict of Laws* (4)

Van Vleck

Study of cases involving foreign elements; principles of jurisdiction and limitations upon its exercise; procedure, torts, workmen's compensation, contracts, property, family law, administration of estates, business associations. Cheatham, Dowling, Goodrich, and Griswold, Cases on Conflict of Laws, 2d ed. Section A: Wed. and Thurs., 10:10 A.M. to 12:00 M.; section B: Mon. and Fri., 6:20 to 8:00 P.M.

Summer term 1945.

321-22 *Current Decisions* (2-2)

Oppenheim

Required of, and limited to, members of the student staff of the Law Review.

326 *Federal Jurisdictions* (2)

Collier

Constitutional origins and powers of federal courts; sources of law applicable to them; business and extent of jurisdiction of federal courts. (No offered in 1945-46.)

- 332 *Labor Law* (4) Larremore  
 Legality of collective labor action, of ends sought and means used; strike, picketing, boycott, trade agreements; labor injunctions; scope of federal jurisdiction. Landis and Manoff, Cases on Labor Law. Tues. and Thurs., 6:20 to 8:00 P.M.
- 333 *Legislation* (2)  
 A study of the problems and principles of legislation. (Not offered in 1945-46.)
- 335-36 *Moot Court* (2-2) Gordon, Craighill, Morris, Edgerton  
 Open only to students who have completed fifty credit hours. Prerequisite: Law 105 and 242. Wed., 6:20 to 8:00 P.M.
- 345-46 *Patent Law* (2-2) Sutton  
 Substantive patent law; patentability; revision, use, and enforcement of patents; Patent Office practice: Rules of Practice; appeal and interference procedure. Mon., 6:20 to 8:00 P.M.
- 349 *Patent Moot Court* (4) Coe  
 This course may be elected instead of Law 335-36 to satisfy the Moot Court requirement. Both subjects may be counted toward a degree. Wed., 6:20 to 8:00 P.M.
- 351 *Public Utilities* (2) Collier  
 Limits of regulation of businesses affected with public interest; ascertainment of value of property used for the public service and the fixing of adequate rates of return. (Not offered in 1945-46.)
- 353 *Domestic Relations* (2) Larremore  
 Marriage, annulment, and divorce; rights of husband and wife; rights of parent and child; infants; conflict of laws involving problems of marriage evasion and migratory divorce. Madden and Compton, Cases on Domestic Relations. (Not offered in 1945-46.)
- 357 *Sales* (4) Oppenheim  
 (Not offered in 1945-46.)
- 371-72 *Taxation* (2-2) Collier  
 Emphasis on the federal estate tax and the federal income tax. Attention given state inheritance and income taxes. Problem of jurisdiction to tax, construction of tax statutes, methods of judicial review of administrative actions in the tax field, modern excise taxes on business concerns. Magill and Maguire, Cases on Taxation, 1941 ed. Thurs., 6:20 to 8:00 P.M.
- 377 *Trade Regulation I* (4) Oppenheim  
 Unfair trade practices, combination and monopoly at common law and under various statutes; trade-marks; business torts; Sherman Antitrust Act; Federal Trade Commission and Clayton Acts; marketing, price and patent practices; Fair Trade Acts; mergers; trade associations; remedies. Oppenheim, Cases on Trade Regulation. Tues. and Thurs., 6:20 to 8:00 P.M.

381-82 *Trusts (2-2)*

Collier

Nature, creation, elements, administration, termination, modification of trusts; charitable, resulting, construction trusts; liabilities of and to third persons; transfer of beneficiary's interest. Scott, Cases on Trusts, 3 ed. Wed., 6:20 to 8:00 P.M.

404 *Administrative Law II (4)*

Research seminar course in special problems, including the study of specific administrative agencies, federal or state. (Not offered in 1945-46.)

405 *Admiralty (2)*

Alden

Federal and state jurisdiction; jurisdiction over waters, craft, contracts, torts, crimes, in equitable matters, etc.; laws applicable to maritime workers and maritime liens. Sayre, Cases on the Law of Admiralty. Mon., 6:20 to 8:00 P.M.

411 *Business Associations II (4)*

Seminar: study of the historical background and functioning of the statutes involved in the work of the Securities and Exchange Commission. (Not offered in 1945-46.)

416 *Comparative Law (2)*

Murdock

Historical and comparative study of some of the institutions and principles of the civil law (law of South and Central America and most of the Continent of Europe) compared with those of the common law; the influence of the former upon the latter. (Not offered in 1945-46.)

421 *Constitutional Law II (4)*

Research seminar in contemporary problems in constitutional law; special emphasis on interstate-commerce cases and due process of law. (Not offered in 1945-46.)

426-27 *Municipal and Government Corporations (2-2)*

Ellis

Municipal corporations: organization, powers, functions and legal relations of local governmental units. Federal corporate agencies: organization, powers, functions, and legal relations of functional governmental units separately incorporated. Tooke and McIntire, Cases on Municipal Corporations. Fri., 6:20 to 8:00 P.M.

431-32 *International Law (2-2)*

Murdock

Customary and treaty rights and duties of states; diplomatic and consular agents; treaty interpretation; nationality laws; international courts; claims procedure; war; neutrality. Hudson, Cases on International Law, 2d ed. Tues., 6:20 to 8:00 P.M.

434 *Interstate Commerce Commission Law and Procedure (2)*

Interstate Commerce Act; the Interstate Commerce Commission; practice and procedure before the Commission. (Not offered in 1945-46.)



**435-36 Jurisprudence (2-2)**

Collier

History of jurisprudence; schools of jurists, particularly the nineteenth century schools; sociological jurisprudence; theories of justice; the nature of law; law and morals; law and the state; the scope and subject matter of law; sources and forms of law; the traditional element; analysis of general legal conceptions. Hall, Readings in Jurisprudence.

Summer term 1945.

**452 Trade Regulation II (4)**

A research seminar in specific problems of trade regulation. (Not offered in 1945-46.)

## MATHEMATICS

James Henry Taylor, Ph.D., *Professor of Mathematics, Executive Officer*  
 Francis Edgar Johnston, Ph.D., *Professor of Mathematics*  
 Florence Marie Mears, Ph.D., *Professor of Mathematics*  
 Earl Larkin Williams, A.M., *Associate in Mathematics*

*Minimum requirements for the major.*—Fifteen credit hours of mathematics beyond calculus, i.e., of approved second- and third-group courses.

### FIRST GROUP\*

#### 3 *College Algebra* (3)

The Staff

Exponents and logarithms; linear equations; complex numbers; quadratic equations; introduction to theory of equations; mathematical induction and the binomial theorem; permutations, combinations and probability; determinants; progressions. Prerequisite: one year each of high school algebra and high school geometry. Section A: Mon., Wed., and Fri., 10:10 A.M.; section B: Mon., Wed., and Fri., 8:10 P.M.; section C: Tues. and Thurs., 7:35 to 8:50 P.M.

Mathematics 3x—same as Mathematics 3, but offered winter term. Section A: Tues., Thurs., and Sat., 11:10 A.M.; section B: Mon., Wed., and Fri., 8:10 P.M.

Summer term 1945.

#### 6 *Plane Trigonometry* (3)

The Staff

Prerequisite: two years of high school algebra and one year of high school geometry, or Mathematics 3 (or concurrent registration therefor). Section A: Mon., Wed., and Fri., 10:10 A.M.; section B: Mon., Wed., and Fri., 8:10 P.M.; section C: Tues. and Thurs., 7:35 to 8:50 P.M.

Mathematics 6x—same as Mathematics 6, but offered fall term. Section A: Tues., Thurs., and Sat., 10:10 A.M.; section B: Mon., Wed., and Fri., 7:10 P.M.

Summer term 1945.

#### 12 *Analytic Geometry* (3)

The Staff

Prerequisite: Mathematics 3 and 6, or two years of high school algebra, one year of high school geometry, and one-half year of high school trigonometry. Section A: Tues., Thurs., and Sat., 10:10 A.M.; section B: Mon., Wed., and Fri., 7:10 P.M.

Mathematics 12x—same as Mathematics 12, but offered fall term. Section A: Mon., Wed., and Fri., 11:10 A.M.; section B: Mon., Wed., and Fri., 6:10 P.M.; section C: Tues. and Thurs., 7:35 to 8:50 P.M.

Summer term 1945.

#### 19 *Differential Calculus* (3)

The Staff

Prerequisite: Mathematics 12. Section A: Tues., Thurs., and Sat., 9:10 A.M.; section B: Tues. and Thurs., 6:10 to 7:25 P.M.

\* No first-group course in Mathematics is available for college credit if the student's previous training in Mathematics meets the prerequisite for a higher numbered course.

Mathematics 19x—same as Mathematics 19, but offered winter term.  
 Section A: Mon., Wed., and Fri., 11:10 A.M.; section B: Mon., Wed.,  
 and Fri., 6:10 P.M.; section C: Tues. and Thurs., 7:35 to 8:50 P.M.  
 Summer term 1945.

20 *Integral Calculus\** (3)

The Staff

Prerequisite: Mathematics 19. Section A: Tues., Thurs., and Sat.,  
 9:10 A.M.; section B: Tues. and Thurs., 6:10 to 7:25 P.M.

Mathematics 20x—same as Mathematics 20, but offered fall term.  
 Section A: Mon., Wed., and Fri., 9:10 A.M.; section B: Mon., Wed.,  
 and Fri., 6:10 P.M.

Summer term 1945.

SECOND GROUP

102 *Fundamental Concepts of Mathematics* (3)

(Not offered in 1945-46.)

123 *Theory of Equations* (3)

(Not offered in 1945-46.)

125 *Advanced Algebra* (3)

Mon., Wed., and Fri., 8:10 P.M.

Johnston

126 *Advanced Analytic Geometry* (3)

(Not offered in 1945-46.)

132 *Differential Equations* (3)

Johnston, Mears

Section A: Mon., Wed., and Fri., 9:10 A.M.; section B: Mon., Wed.,  
 and Fri., 6:10 P.M.

Mathematics 132x—same as Mathematics 132, but offered fall term.  
 Tues. and Thurs., 6:10 to 7:25 P.M.

134 *Introduction to Boundary Value Problems* (3) Taylor

Prerequisite: Mathematics 132. Mon., Wed., and Fri., 7:10 P.M.

†135-36 *Projective Geometry* (2-2)

(Not offered in 1945-46.)

138 *Advanced Calculus* (3)

Tues. and Thurs., 6:10 to 7:25 P.M.

Mears

142 *Introduction to Infinite Series* (3)

Summer term 1945.

Mears

167 *Fourier Series and Spherical Harmonics* (3)

Prerequisite: Mathematics 132. (Not offered in 1945-46.)

171 *Vector Analysis* (3)

Mon., Wed., and Fri., 7:10 P.M.

Taylor

THIRD GROUP

220 *Theory of Numbers* (3)

(Not offered in 1945-46.)

\* Mathematics 20 is prerequisite to all second-group courses.



- †237-38 *Theory of Functions* (3-3) Johnston  
Mon., Wed., and Fri., 7:10 P.M.
- 249 *Ordinary Differential Equations* (3) Taylor  
Mon., Wed., and Fri., 6:10 P.M.
- 250 *Integral Equations* (3)  
(Not offered in 1945-46.)
- 255 *Differential Geometry* (3)  
(Not offered in 1945-46.)
- 257 *Theory of Groups* (3)  
(Not offered in 1945-46.)
- †265-66 *Modern Algebra* (3-3)  
(Not offered in 1945-46.)
- 268 *Calculus of Variations* (3) Taylor  
Mon., Wed., and Fri., 6:10 P.M.
- 270 *Tensor Analysis* (3)  
(Not offered in 1945-46.)
- 271 *Riemannian Geometry* (3)  
(Not offered in 1945-46.)
- 277 *Partial Differential Equations* (3)  
(Not offered in 1945-46.)
- 297-98 *Reading and Research* (3-3) The Staff  
Hours to be arranged.
- 299-300 *Thesis* (3-3) The Staff

## MECHANICAL ENGINEERING

Arthur Frederick Johnson, M.E., Ph.D., *Professor of Mechanical Engineering, Executive Officer*

Frederick Morris Feiker, B.S. in E.E., D.Eng., *Professor of Engineering Administration*

Benjamin Carpenter Cruickshanks, B.S. in M.E., *Professor of Mechanical Engineering*

Robert Gay Trumbull, B.S. in C.E., *Associate Professor of Mechanical Engineering*

\*Howard Henry Koster, M.S. in M.E., *Assistant Professor of Mechanical Engineering*

*Minimum requirements for the major.—See pages 95-96, 98-99.*

### FIRST GROUP

- 1 *Engineering Survey and Orientation (1)*
Cruickshanks and Staff

Open to freshmen only. Section A: Mon., 12:40 P.M.; section B: Tues., 7:10 P.M.
- 3 *Mechanical Drawing (2)*
Trumbull

Drafting-room fee, \$3. Section A: Mon. and Fri., 1:40 to 4:30 P.M.; section B: Mon. and Fri., 8:10 to 11:00 P.M.
- 4 *Descriptive Geometry (2)*
Trumbull

Drafting-room fee, \$3. Section A: Mon. and Fri., 1:40 to 4:30 P.M.; section B: Mon. and Fri., 8:10 to 11:00 P.M.
- 5 *Introductory Naval Architecture (3)*

Nomenclature, functions, and arrangement of hull structure, equipment, and machinery for merchant vessels. Lectures supplemented by visits to shipyards. (Not offered in 1945-46.)
- 7 *Machine Drawing (2)*
Trumbull

Prerequisite: Mechanical Engineering 3 and 4. Drafting-room fee, \$3. Section A: Mon. and Fri., 1:40 to 4:30 P.M.; section B: Mon. and Fri., 8:10 to 11:00 P.M.
- 8 *Mechanism Drawing (2)*
Trumbull

Prerequisite: Mechanical Engineering 3, 4, and 13. Prerequisite or concurrent registration: Mechanical Engineering 14. Drafting-room fee, \$3. Section A: Mon. and Fri., 1:40 to 4:30 P.M.; section B: Mon. and Fri., 8:10 to 11:00 P.M.
- 9-10 *Ship Drafting (2-2)*

Fairing of lines; displacement, stability curves, midship section, general arrangements and structural detail plans, machinery details. Prerequisite or concurrent registration: Mechanical Engineering 15. Drafting-room fee, \$3 a term. (Not offered in 1945-46.)

\* On war leave 1945-46.

- 13-14 *Mechanism* (2-2) Trumbull  
Prerequisite: Mathematics 12. Prerequisite or concurrent registration: Mathematics 19. Section A: Tues. and Thurs., 12:10 P.M.; section B: Tues. and Thurs., 6:10 P.M.

- 15-16 *Elementary Ship Calculations* (2-2)  
Form characteristics, detailed weights, displacement, transverse and longitudinal equilibrium, launching. Prerequisite: Mechanical Engineering 5. (Not offered in 1945-46.)

## SECOND GROUP

- 101-2 *Advanced Ship Calculations* (2-2)  
Stabilizing, model basin practice, powering, steering, launching, hull strength, floodability, vibrations. Prerequisite: Mechanical Engineering 16. (Not offered in 1945-46.)

- 103-4 *Ship Design* (2-2)  
Prerequisite: Mechanical Engineering 10, 16; prerequisite or concurrent registration: Mechanical Engineering 117. Drafting-room fee, \$3 a term. (Not offered in 1945-46.)

- 111-12 *Thermodynamics* (3-3) Cruickshanks  
With introductory study of laws of heat transmission. Prerequisite or concurrent registration: Mathematics 20. Section A: Mon., Wed., and Fri., 9:10 A.M.; section B: Mon., Wed., and Fri., 7:10 P.M.

- 115-16 *Mechanical Laboratory* (2-2) Cruickshanks  
Calibration of instruments; calorimetry; testing of prime movers, auxiliaries, and combustion engines. Eight-hour boiler test required. Prerequisite: Mechanical Engineering 13-14 and 111-12. Laboratory fee, \$6 a term. (Not offered in 1945-46.)

- 117-18 *Marine Engines and Auxiliaries* (2-2)  
Details, arrangements and performance of steam uniflow, steam turbine, and Diesel propelling plants. Prerequisite or concurrent registration: Mechanical Engineering 5, 13-14, and 111-12. (Not offered in 1945-46.)

- 126 *Methods of Manufacture* (2) Johnson  
Fixtures, gauging, tools, costs. Prerequisite: Mechanical Engineering 8 and 14; Civil Engineering 26. Tues. and Thurs., 7:10 P.M.

- 127-28 *Machine Design* (2-2) Johnson  
With stress-analysis lectures. Prerequisite: Mechanical Engineering 112 and 126; Civil Engineering 25, 123, 136, and 141. Drafting-room fee, \$3 a term. Section A: Tues. and Thurs., 1:10 to 4:00 P.M.; section B: Tues. and Thurs., 8:10 to 11:00 P.M.

- 129-30 *Power Plants* (3-3) Cruickshanks  
Study of design, layout, installation, and operation of power plants and equipment. Prerequisite: Mechanical Engineering 112. Mon., Wed., and Fri., 6:10 P.M.

- 131-32 *Heating, Ventilating, Air Conditioning, and Refrigeration* (2-2) Koster  
Prerequisite: Mechanical Engineering 112. Tues. and Thurs., 6:10 P.M.



- 133 *Combustion Engines (2)* Johnson  
Prerequisite: Mechanical Engineering 112; Civil Engineering 123 and 136; Electrical Engineering 10. Section A: Tues. and Thurs., 11:10 A.M.; section B: Tues. and Thurs., 7:10 P.M.
- 139 *Fluid Dynamics (3)* Johnson  
The theories of hydro- and aero-mechanics as influenced by density, viscosity, and turbulence. Prerequisite: Mechanical Engineering 112; Civil Engineering 140. Mon., Wed., and Fri., 7:10 P.M.
- 140 *Dynamics of Machinery (3)* Johnson  
Inertia effects, balancing, vibration phenomena. Prerequisite: Mechanical Engineering 115; Civil Engineering 123 and 136. Mon., Wed., and Fri., 7:10 P.M.
- 141-42 *Management Problems (2-2)* Feiker  
The handling and training of men. Prerequisite: Economics 1-2. Tues. and Thurs., 7:10 P.M.
- 145-46 *Management Controls (2-2)*  
Prerequisite: Economics 1-2; Business Administration 101-2. Hours to be arranged.
- 147 *Industrial Labor Relations (2)*  
Prerequisite: Mechanical Engineering 141-42. Tues. and Thurs., 6:10 P.M.
- 189-90 *Proseminar in Mechanical Engineering (1-1)* Johnson  
Tues., 8:10 P.M.

## MEDICINE

- Walter Andrew Bloedorn, A.M., M.D., *Professor of Medicine, Executive Officer*
- Coursen Baxter Conklin, A.M., M.D., *Clinical Professor of Medicine*
- Charles Robert Lee Halley, A.B., M.D., *Clinical Professor of Medicine*
- Paul Frederick Dickens, M.D., *Clinical Professor of Medicine*
- Harry Filmore Dowling, A.B., M.D., *Clinical Professor of Medicine*
- Robert Port Herwick, Ph.D., M.D., LL.B., *Adjunct Clinical Professor of Medicine*
- Joseph Thomas Roberts, M.D., Ph.D., *Adjunct Clinical Professor of Medicine*
- Frank Adelbert Hornaday, M.S., M.D., *Associate Clinical Professor of Medicine*
- Walter Kendall Myers, B.S., M.D., *Assistant Clinical Professor of Medicine*
- John Alton Reed, A.B., M.D., *Assistant Clinical Professor of Medicine*
- Clayton Bernard Ethridge, M.D., *Assistant Clinical Professor of Medicine*
- Watson William Eldridge, Jr., M.D., *Associate in Medicine*
- Maurice Protas, A.B., M.D., *Associate in Medicine*
- Bernard Lauriston Hardin, Jr., A.B., M.D., *Associate in Medicine*
- A. Fife Heath, M.D., *Associate in Medicine*
- Benjamin Manchester, M.D., *Associate in Medicine*
- Malcolm Foster Lent, M.D., *Associate in Medicine*
- John Ellsworth Everett, A.B., M.D., *Associate in Medicine*
- Irving Wolfe Winik, M.D., *Associate in Medicine*
- John Bayne Marbury, M.D., *Clinical Instructor in Medicine*
- Louis Ross, M.D., *Clinical Instructor in Medicine*
- Carl Calvin Dauer, A.B., M.D., M.P.H., *Clinical Instructor in Medicine*
- Russell Crandle Payne, A.B., M.D., *Clinical Instructor in Medicine*
- Lawrence Elias Putnam, A.B., M.D., *Clinical Instructor in Medicine*
- Ruth Benedict, A.B., M.D., *Clinical Instructor in Medicine*
- James Theodore Burns, M.D., *Clinical Instructor in Medicine*
- Frederic Dunbar Chapman, A.B., M.D.C.M., *Clinical Instructor in Medicine*
- Meredith Benjamin Hesdorffer, B.S., M.D., *Clinical Instructor in Medicine*
- Irvin Kerlan, B.S., M.D., C.P.H., *Clinical Instructor in Medicine*
- Leon Schwartz, A.B., M.D., M.P.H., *Clinical Instructor in Medicine*
- Lawrence Jay Thomas, B.S., M.D., *Clinical Instructor in Medicine*
- Virginia Patterson Beelar, A.B., M.D., *Clinical Instructor in Medicine*

Sylvan Adolph Steiner, M.D., *Clinical Instructor in Medicine*  
 Paul Fleming-Holland, M.D., *Clinical Instructor in Medicine*  
 James Joseph Feffer, A.B., M.D., *Clinical Instructor in Medicine*  
 Myer Harold Stolar, B.S., M.D., *Clinical Instructor in Medicine*  
 Frank Louis Williman, M.D., M.S. in Med., *Clinical Instructor in Medicine*  
 Sidney Olansky, M.D., *Clinical Instructor in Medicine*

- 126 *History of Medicine* Halley  
 One hour a week.
- 241-42 *Physical Diagnosis* Conklin and Staff  
 Demonstrations and practice on the normal and abnormal subject; designed to cover the entire subject of physical diagnosis.
- 244 *General Medicine* Bloedorn, Halley  
 Lectures covering general aspects of all phases of medical disease, and including therapeutics. Three hours a week.
- 312 *Radiology and Radiotherapy* The Staff  
 One hour a week.
- 324 *Clinical Physiology* Dickens  
 Lectures and clinics for the correlation of preclinical and laboratory studies of physiology with altered function as observed in clinic and ward. One hour a week.
- 325-26 *Clinical Clerkship* Dowling and Staff  
 Individual case work under strict supervision (student's histories generally accepted as hospital records). Emergency and Gallinger hospitals.
- 327-28 *Clinical Pathological Conference* Bloedorn, Choisser  
 Required in the third and fourth years. Correlation of clinical and post-mortem findings: detailed case descriptions from the clinical point of view, followed by thorough demonstrations, grossly and with lantern slides, of post-mortem findings. One hour a week.
- 349-50 *Grand Ward Rounds* Bloedorn and Staff  
 Conducted weekly at Gallinger Hospital. Cases are presented at this conference by members of the Resident Staff and Visiting Staff.
- 416 *Tropical Medicine* The Staff  
 Lectures, laboratory exercises, museum and clinical demonstrations designed to familiarize the student with problems of tropical medicine, particularly as applied to the present emergency. Two hours a week.
- 417-18 *Physiotherapy* Eldridge  
 Lectures and demonstrations of the fundamentals of physical treatment and their applications to general medical diseases. St. Elizabeths Hospital.



- 420 *Medical Jurisprudence* Eldridge  
Lectures on the legal and ethical rights of physicians, and on the legal problems with which the physician is brought into contact. One hour a week for eleven weeks.
- 421-22 *Dispensary Clinics* The Staff  
Thorough study of individual cases subsequently reviewed in detail by the Staff. The University and Emergency hospitals.
- 424 *Clinics* Bloedorn and Staff  
Etiology, diagnosis, and treatment of the usual and more rare diseases, with special emphasis on differential diagnosis and the demonstration of clinical abnormalities found in various morbid processes. Medical School.
- 425-26 *Clinical Clerkship* Dickens, Halley  
Individual case work under strict supervision (student's histories generally accepted as hospital records). The University and Emergency hospitals.
- 440 *Clinical Pharmacology* Herwick  
Brief review in materia medica, prescription writing, and the fundamentals of therapeutics; discussion of the pharmacological basis of therapeutics.
- 498 *Professional Aspects of Military Medicine* The Staff  
Study of problems arising in civilian, industrial, and military life peculiar to the present emergency; lectures by members of the staff and specialists of the Army, the Navy, and the United States Public Health Service on duty in Washington. Two hours a week.
- 499 *Clinical Physiology* Dickens  
Continuation of Medicine 324. One hour a week.

## MILITARY SCIENCE AND TACTICS

James Emory Phillips, M.D., Lieutenant Colonel, Medical Corps, United States Army, *Professor of Military Science and Tactics*

- 129-30 *Basic Course (First Year)* Phillips  
Legal basis of national defense; organization of the Army and the Medical Department; military law and courts-martial; customs of the service; map reading; military administration.
- 247-48 *Basic Course (Second Year)* Phillips  
Organization and operation of the Medical Department with the Arms; combat orders and problems; map exercises; medical service of Infantry and Cavalry divisions.
- 329-30 *Advanced Course (First Year)\** Phillips  
Mess management; military preventive medicine; sanitation; chemical warfare, tactics, defense, and medical aspects.
- 429-30 *Advanced Course (Second Year)\** Phillips  
Military history; leadership; diseases peculiar to war; organization and equipment within the division; mobilization; property accounting.

\* Students in the first and second year of the advanced course are selected from those who have satisfactorily completed the basic course.

## NEUROLOGY

Walter Freeman, Ph.D., M.D., *Professor of Neurology, Executive Officer*

James Winston Watts, B.S., M.D., *Clinical Professor of Neurosurgery*

Robert Henry Groh, B.S., M.D., *Clinical Instructor in Neurology*

Vasilios Simos Lambros, M.D., *Clinical Instructor in Neurosurgery*

Harold Stevens, M.D., Ph.D., *Clinical Instructor in Neurology*

Harvey Hirsch Ammerman, B.S., M.D., *Clinical Instructor in Neurology*

### 249 *Neurology (elective)*

Freeman

Methods of study of the nervous system. Gross and microscopic preparations, embryology, comparative anatomy, stimulation and extirpation, human pathology, etc. Laboratory demonstrations. One hour a week.

### 331 *Neurology*

Watts and Staff

Systematic lectures with lantern slides illustrating the chief neurologic syndromes and their anatomic bases. One hour a week.

### 333-34 *Neurology Clinic (elective)*

Freeman and Staff

May be elected in the third or fourth year. Neurological outpatient clinic. Consultation of staff on ambulatory cases, demonstration of diagnostic procedures, disposition of neuropsychiatric cases. Three hours a week.

### 431 *Neurosurgery (elective)*

Watts

Lectures and clinical demonstrations in surgery of the brain, spinal cord, and peripheral nerves. Emphasis is laid upon fundamentals and upon the possibilities of surgery in the relief of symptoms. One hour a week.

### 433 *Clinical Neurology*

Freeman

Lectures and demonstrations of patients illustrating the diagnosis and treatment of nervous disorders. Material is available at St. Elizabeth's Hospital illustrative of the more common disorders and some of the unusual syndromes. One hour a week.

### 435-36 *Neurologic Examinations*

Freeman and Staff

Practical instruction in the examination of patients presenting nervous diseases. Detailed examination of six patients is required of each student. St. Elizabeth's Hospital. One-fourth of the class, two hours a week.



## OBSTETRICS AND GYNECOLOGY

- John Louis Parks, M.S., M.D., *Professor of Obstetrics and Gynecology, Executive Officer*
- \*Howard Francis Kane, A.B., M.D., *Clinical Professor of Obstetrics and Gynecology*
- Radford Brown, M.D., *Clinical Professor of Obstetrics and Gynecology*
- Jacob Kotz, M.D., *Clinical Professor of Obstetrics and Gynecology*
- Henry Lauran Darner, A.B., M.D., *Clinical Professor of Obstetrics and Gynecology*
- Herbert Percy Ramsey, A.B., M.D., *Clinical Professor of Obstetrics and Gynecology*
- Thomas Miles Leonard, Ph.B., M.D., *Adjunct Clinical Professor of Obstetrics and Gynecology*
- George Nordlinger, A.B., M.D., *Associate in Obstetrics and Gynecology*
- Joseph Harris, A.B., M.D., *Associate in Obstetrics and Gynecology*
- Laurence Lee Cockerille, M.D., *Associate in Obstetrics and Gynecology*
- Samuel Mayer Dodek, A.M., M.D., *Associate in Obstetrics and Gynecology*
- Bernard Notes, M.D., *Associate in Obstetrics and Gynecology*
- Russel Jon Jansen, M.D., *Associate in Obstetrics and Gynecology*
- Howard Pope Parker, A.B., M.D., *Associate in Obstetrics and Gynecology*
- Roger O'Donnell, Jr., A.B., M.D., *Associate in Obstetrics and Gynecology*
- Helen Gladys Kain, B.S., M.D., *Clinical Instructor in Obstetrics and Gynecology*
- Esther Alsylvia Nathanson, A.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*
- Katherine Elizabeth Parker, A.M., M.D., *Clinical Instructor in Obstetrics and Gynecology*
- Harry Samuel Douglas, A.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*
- William Dandridge Terrell, Jr., M.D., *Clinical Instructor in Obstetrics and Gynecology*
- James Albert Dusbabek, M.D., *Clinical Instructor in Obstetrics and Gynecology*
- Barton Winters Richwine, M.D., *Clinical Instructor in Obstetrics and Gynecology*
- Julius Robert Epstein, M.D., *Clinical Instructor in Obstetrics and Gynecology*

\* On war leave 1945-46.

Morton Selwyn Kaufman, A.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*

Floyd Sterling Rogers, M.D., *Clinical Instructor in Obstetrics and Gynecology*

Clarence Kendall Fraser, Ph.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*

Rufus Martin Roll, A.B., M.D., *Clinical Instructor in Obstetrics and Gynecology*

Caroline Jackson, A.M., M.D., *Clinical Instructor in Obstetrics and Gynecology*

253-54 *Normal Obstetrics*

Parks, Dodek

Lectures and demonstrations on the physiology and management of normal pregnancy. One hour a week.

337-38 *Abnormal Obstetrics*

Nordlinger and Staff

Lectures and demonstrations on the complications of pregnancy. One hour a week.

344 *Gynecology*

Brown

Lectures on the principles of gynecological surgery. One hour a week for seven weeks.

345-46 *Manikin Demonstrations*

Harris

The mechanism of labor and various types of operative delivery demonstrated to sections of the class. One hour a week.

439 *Gynecological Pathology*

Brown

Lectures on the essentials of gynecological pathology, and demonstrations and study of gross and microscopic material discussed in the lectures. One hour a week.

441-42 *Clinical Obstetrics*

The Staff

Observation of, and participation in, the work of the pre- and post-natal clinics, on the wards, and in the delivery rooms of the University, Gallinger, Columbia, and Garfield hospitals.

443-44 *Clinical Gynecology*

The Staff

Observation of, and participation in, the work at the out-patient clinics, on the wards, and in the operating rooms of the University, Gallinger, Columbia, and Garfield hospitals.

445 *Female Endocrinology and Operative Gynecology*

Kotz, Darner

Lectures on the physiology and pathology of the endocrine system in women and on the principles of gynecological surgery. One hour a week.

## OPHTHALMOLOGY

Ernest Alfred Watson Sheppard, M.D.C.M., *Professor of Ophthalmology, Executive Officer*

Edgar Leonard Goodman, M.D., M.M.S., *Assistant Clinical Professor of Ophthalmology*

Ronald Atmore Cox, A.B., M.D., *Assistant Clinical Professor of Ophthalmology*

Frank Duncan Costenbader, B.S., M.D., *Assistant Clinical Professor of Ophthalmology*

Richard Wallace Wilkinson, A.B., M.S., M.D., *Associate in Ophthalmology*

Sterling Bockoven, M.D., *Associate in Ophthalmology*

Carmon Robert Naples, B.S., M.D., *Clinical Instructor in Ophthalmology*

### 351-52 *Ophthalmology*

**The Staff**

A lecture course presenting the principles of ophthalmology, with special reference to topics of importance to the general practitioner. One hour a week for sixteen weeks.

### 447 *Clinic*

**The Staff**

Intensive training in diseases of the eye; etiology, diagnosis, and treatment in their application to clinical cases. Episcopal Hospital. Three hours twice a week.



## OTO-RHINO-LARYNGOLOGY

- Daniel Bruce Moffett, A.B., M.D., *Professor of Oto-rhino-laryngology, Executive Officer*  
 William Herndon Jenkins, M.D., *Clinical Professor of Oto-rhino-laryngology*  
 Leroy Lee Sawyer, Jr., A.B., M.D., *Assistant Clinical Professor of Oto-rhino-laryngology*  
 David Davis, A.B., M.D., *Associate in Oto-rhino-laryngology*  
 Aubrey David Fischer, M.D., *Associate in Oto-rhino-laryngology*  
 Jeter Carroll Bradley, M.D., *Associate in Oto-rhino-laryngology*  
 Joel Norton Novick, M.S., M.D., *Clinical Instructor in Oto-rhino-laryngology*  
 John Gordon Bell, M.D., *Clinical Instructor in Oto-rhino-laryngology*  
 Catharine Birch, A.B., M.D., *Clinical Instructor in Oto-rhino-laryngology*  
 Homer King Vann, A.B., M.D., *Clinical Instructor in Oto-rhino-laryngology*

### 451 *Oto-rhino-laryngology*

Moffett, Jenkins

Lectures and demonstrations on anatomy, physiology, and diseases of the ear, nose, and throat, bronchoscopy and esophagoscopy. One hour a week.

### 454 *Bronchoscopy*

Davis

A series of lectures on the fundamental principles and the use of instruments, including both the bronchoscope and esophagoscope. One hour a week for four weeks.

### 456 *Clinic*

The Staff

Practical clinical instruction in the diagnosis and treatment of diseases of the ear, nose, and throat. Episcopal Hospital. One and one-half hours twice a week.

## PATHOLOGY

Roger Morrison Choisser, B.S., M.D., *Professor of Pathology, Executive Officer*

Thomas Martin Peery, A.B., M.D., *Associate Professor of Pathology*

Pearl Holly, M.S., M.D., *Associate in Pathology*

Eugene Leonard Lozner, A.B., M.D., *Associate in Pathology*

Anna Margaret Allen, L.R.C.P.S.I., D.P.H., *Instructor in Pathology*

Jack Spier, M.D., *Instructor in Pathology*

### 236 *Clinical Pathology*

Choisser and Staff

Lectures and laboratory work covering aspects of laboratory diagnosis of disease, including a study of: urinalysis, blood counting, the anemias, leukemias, and other blood dyscrasias. Examination of exudates, transudates, stomach contents, spinal fluids, and stools also emphasized. Three hours a week.

### 259-60 *Pathology*

Choisser, Peery

Malformations, inflammations, degenerations, and neoplasms; special pathology of the organs and specific diseases. The laboratory work consists of the gross and microscopic study of diseased tissues. Necropsies are held regularly at the University and Gallinger hospitals.

### 307 *Necropsy (elective)*

The Staff

Students assist in the performance of necropsies. Fresh gross specimens and microscopic sections from each case are presented at weekly conferences. Current literature relating to cases is reviewed and presented by the students.

### 327-28 *Clinical Pathological Conference*

Choisser, Bloedorn

Required in the third and fourth years. Case histories are presented and discussed by members of the staff and student body; necropsy and clinical findings are compared, and gross and microscopic specimens examined. One hour a week.

### 460 *Research*

Choisser

Hours and credits to be arranged.

### 461 *Tumors*

Choisser and Staff

Sixteen lectures and laboratory periods covering experimental production of tumors by means of carcinogens. Microscopic diagnosis of tumors is stressed. One hour a week.

## PEDIATRICS

Preston Alexander McLendon, B.S., M.D., *Professor of Pediatrics, Executive Officer*

Charles Aurelius Schutz, M.D., *Clinical Professor of Pediatrics*

Margaret Mary Nicholson, A.B., M.D., *Clinical Professor of Pediatrics*

Edward Lewis, M.D., *Clinical Professor of Pediatrics*

Lewis Kaigler Sweet, A.B., M.D., *Adjunct Clinical Professor of Pediatrics*

William Staton Anderson, A.B., M.D., *Assistant Clinical Professor of Pediatrics*

Mabel Harlakenden Grosvenor, A.B., M.D., *Assistant Clinical Professor of Pediatrics*

John Augustine Washington, A.B., B.S., M.D., *Assistant Clinical Professor of Pediatrics*

Aaron Nimetz, A.B., M.D., *Associate in Pediatrics*

Carolyn Snyder Pincock, A.B., M.D., *Clinical Instructor in Pediatrics*

Richard Henry Todd, A.B., M.D., *Clinical Instructor in Pediatrics*

Dorothy Steinle Jaeger, M.D., *Clinical Instructor in Pediatrics*

Herbert Harold Diamond, M.D., *Clinical Instructor in Pediatrics*

George Maksim, M.D., M.S. in Ped., *Clinical Instructor in Pediatrics*

Mario Scandiffo, A.B., M.D., *Clinical Instructor in Pediatrics*

### 354 *Pediatrics*

Nicholson

Ward walks and weekly clinic. Gallinger Hospital. Two sections.

### 355-56 *Pediatrics*

Schutz

Lectures on diseases and malformations of the newly born. Growth, metabolism, nutrition, nutritional diseases, therapeutics, habits, preventive pediatrics, and social aspects are considered. One hour a week for twenty-four weeks.

### 357-58 *Clinic*

Pincock, Grosvenor

Clinical instruction in the care and diseases of the newly born, congenital malformations, birth injuries, and prematurity. Gallinger Hospital. One-fourth of the class, one hour a week.

### 359-60 *Contagious-Disease Clinic*

The Staff

Beside instruction in scarlet fever, diphtheria, etc. Gallinger Hospital. One-fourth of the class, one hour a week. Ward walks twice a week.

### 463-64 *Child-Welfare and Preventive Clinic*

Schutz, Jaeger

Clinical course in the infant and the pre-school child. Children's Hospital, Child Welfare Center. One section, one hour a week.



**465-66 Clinic**

Out-patient clinic: minor to serious disorders of children, emotional life of the child, habit formations, and behavior problems. Children's Hospital. One section, Mon., Tues., Wed., and Fri., one and one-half hours.

The Staff

**467-68 Clinic**

Teaching clinic. Children's Hospital. Entire class, one and one-fourth hours a week.

The Staff

**469-70 Clinical Clerkship**

Individual case work under strict supervision. Students act as Junior Interns throughout the hospital. Children's Hospital. One-fourth of class, daily. 9:30 A.M. to 4:30 P.M.

The Staff

**471-72 Allergy Clinic**

Prerequisite: Bacteriology 209. Practical work in the Allergy Clinic of Children's Hospital may be obtained by a small group of senior students. Two afternoons a week.

Jaeger, Todd

## PHARMACOLOGY AND THERAPEUTICS

Edgar William Ligon, Jr., Ph.D., *Assistant Professor of Pharmacology,  
Acting Executive Officer*

Edward Leong Way, Ph.D., *Instructor in Pharmacology*

**263 Pharmacology**

The Staff

Laboratory instruction covering both the chemical nature and the biological effects of drugs. Five hours a week.

**265 Pharmacology**

The Staff

Lectures and demonstrations to correlate the most prominent facts relating to the more important therapeutic agents. Drugs found in the *United States Pharmacopoeia* and *New and Non-official Remedies* are stressed. Three hours a week.

**267 Pharmacology Conference**

The Staff

One hour a week.

**269 Prescription Writing**

The Staff

Sixteen one-hour conferences on the form of the prescription, with practical exercises.

**362 Research**

The Staff

Hours and credits to be arranged.

## PHARMACY

\*William Paul Briggs, M.S., *Professor of Pharmacy*

\*Lea Gene Gramling, Ph.D., *Assistant Professor of Pharmacology and Pharmacognosy*

Lloyd Walter Hazleton, Ph.D., *Assistant Professor of Pharmacology, Acting Executive Officer*

\*Charles Watson Bliven, M.S., *Assistant Professor of Pharmaceutical Chemistry*

Asa Vernon Burdine, *Lecturer on Pharmaceutical Economics*

Harold Clayton Kinner, B.S. in Phar., *Lecturer on Pharmaceutical Law*

Leopold Henry Forster, Phar.G., *Instructor in Hospital Pharmacy*

Marjorie Bennett Bliven, M.S., *Instructor in Pharmacy*

Emily Anna May Godfrey, B.S. in Ed., *Associate in Pharmaceutical Chemistry; Research Associate in Pharmacology*

Kathleen Darner Talbert, A.B., *Associate in Pharmacognosy; Research Associate in Pharmacology*

### SEMINAR LECTURERS

James Johnson Durrett, M.S., Phar.G., M.D., *Professorial Lecturer on Drug Control Problems*

Carson Peter Frailey, Phar.D., *Professorial Lecturer on Industrial Pharmacy*

Warren Fales Draper, A.B., M.D., *Professorial Lecturer on Public Health*

Frederick John Cullen, Phar.G., M.D., *Professorial Lecturer on Drug Manufacture*

James Albert Horton, LL.B., *Professorial Lecturer on Drug Trade Regulations*

John Christian Krantz, Jr., Ph.D., *Professorial Lecturer on Pharmaceutical Research*

Justin Lawrence Powers, Ph.D., *Professorial Lecturer on Official Drug Standards*

George Clemens Ruhland, M.D., *Professorial Lecturer on Hygiene and Sanitation*

Robert Lee Swain, Phar.D., LL.B., *Professorial Lecturer on Contemporary Pharmacy*

George Potter Larrick, *Professorial Lecturer on Drug Control*

*Minimum requirements for the degree.—See pages 105-107.*

\* On war leave 1945-46.



## FIRST GROUP

- 1-2 *Principles of Pharmacy* (2-2) Bliven  
Pharmaceutical mathematics and fundamental laboratory technique. Material fee, \$6 a term; breakage deposit,\* payable in advance, \$5 a year. Mon. and Wed., 11:10 A.M. Laboratory—Fri., 10:10 A.M. to 12:00 M.
- 21-22 *Operative Pharmacy* (4-4) Godfrey  
The theory and manufacture of pharmacopoeial and formulary preparations. Material fee, \$9 a term; breakage deposit,\* payable in advance, \$10 a year. Mon. and Wed., 9:10 A.M. Laboratory—fall term: Tues. and Thurs., 1:40 to 4:30 P.M.; winter term: Mon. and Wed., 1:40 to 4:30 P.M.
- 23-24 *Pharmacognosy* (3-3) Talbert  
Macroscopic and microscopic. Prerequisite: Botany I. Material fee, \$6 a term. Tues. and Thurs., 10:10 A.M. Laboratory—Fri., 1:40 to 4:30 P.M.

## SECOND GROUP

- 102 *Dispensing Pharmacy* (4) Hazleton  
Compounding of typical prescriptions and a study of incompatibilities. Prerequisite: Pharmacy 2 and 23. Material fee, \$9; breakage deposit,\* payable in advance, \$5 a year. Mon. and Wed., 10:10 A.M. Laboratory—Tues. and Thurs., 1:40 to 4:30 P.M.
- 103 *Dispensing Pharmacy* (4) Hazleton  
Continuation of Pharmacy 102. Material fee, \$9; breakage deposit,\* payable in advance, \$5 a year. Tues. and Thurs., 10:10 A.M. Laboratory—Tues. and Fri., 1:40 to 4:30 P.M.
- 105-6 *Pharmacology I* (2-2) Bliven  
Uses of official and new nonofficial drugs; biologicals, glandular products, first aid, and medical requisites. Mon. and Wed., 9:10 A.M.
- 108 *History of Pharmacy* (1) Bliven  
Fri., 10:10 A.M.
- 109 *Organic Pharmaceutical Chemistry* (3) Bliven  
Preparation and qualitative testing of official organic chemicals and chemical preparations. Material fee, \$9; breakage deposit,\* payable in advance, \$5 a year. Prerequisite: Chemistry 152. Tues. and Thurs., 10:10 A.M. Laboratory—Fri., 1:40 to 4:30 P.M.
- 110 *Inorganic Pharmaceutical Chemistry* (3) Bliven  
Preparation and qualitative testing of official inorganic chemicals and chemical preparations. Material fee, \$9; breakage deposit,\* payable in advance, \$5 a year. Prerequisite: Chemistry 21. Mon. and Wed., 11:10 A.M. Laboratory—Thurs., 1:40 to 4:30 P.M.
- 151 *Advanced Pharmacognosy* (2)  
Microscopic. Prerequisite: Pharmacy 24. Material fee, \$6. (Not offered in 1945-46.)

\* The maximum deposit for two or more courses is \$10. In case the student's breakage totals more than this amount, he will be required to make an additional deposit.

- 153-54 *Pharmacology II* (3-3) Hazleton  
Laboratory work in basic pharmacological technique. Prerequisite: Pharmacy 106; Physiology 115 and 117. Material fee, \$6 a term. (Not offered in 1945-46.)
- 165-66 *Pharmacology III* (3-3) Hazleton  
Pharmacodynamics, toxicology, and biological assays. Prerequisite: Pharmacy 24 and 106; Physiology 115 and 117. Pharmacy 166, material fee, \$9. Fall term: Tues., Thurs., and Fri., 9:10 A.M. Winter term: Tues. and Thurs., 9:10 A.M. Laboratory—Fri., 1:40 to 4:30 P.M.
- 171 *Advanced Dispensing Pharmacy* (2)  
The equipment and management of professional pharmacies and advanced dispensing. Prerequisite: Pharmacy 103. Material fee, \$9; breakage deposit,\* payable in advance, \$5 a year. (Not offered in 1945-46.)
- 174 *Quantitative Pharmaceutical Analysis* (4) Bliven  
Drug analysis. Prerequisite: Chemistry 22. Material fee, \$9; breakage deposit,\* payable in advance, \$5 a year. Tues. and Thurs., 11:10 A.M. Laboratory—Tues. and Thurs., 1:40 to 4:30 P.M.
- 176 *Pharmaceutical Law* (1) Kinner  
Fri., 9:10 A.M.
- 178 *Pharmaceutical Economics* (2) Burdine  
Fri., 11:10 A.M. to 1:00 P.M.
- 181 *Advanced Pharmacology I* (2)  
Special problems and studies in the field of pharmacology. Prerequisite: Pharmacy 106. Prerequisite or concurrent registration: Pharmacy 165 (Not offered in 1945-46.)
- 184 *Advanced Pharmacology II* (2)  
Advanced biologicals and glandular products. Prerequisite: Pharmacy 106. Prerequisite or concurrent registration: Pharmacy 166. (Not offered in 1945-46.)
- 186 *Pharmaceutical Chemistry* (2)  
A study of the relationship of structure to action of synthetic drugs. Prerequisite: Pharmacy 109. (Not offered in 1945-46.)
- 187-88 *Seminar* (1-1) The Seminar Staff  
A symposium covering the various phases of Pharmacy. Fri., 10:10 A.M. (Not offered in 1945-46.)
- 192 *Prescription Practice* (no credit) Forster  
The compounding of prescriptions and manufacture of medicinal preparations in the University Hospital Pharmacy. Required of seniors.

\* The maximum breakage deposit for two or more courses is \$10. In case the student's breakage totals more than this amount, he will be required to make an additional deposit.

## PHILOSOPHY

Christopher Browne Garnett, Jr., Ph.D., Litt.D., *Elton Professor of Philosophy, Executive Officer*

*The major.*—The major in philosophy, administered under the new plan, provides an opportunity for the student to become acquainted with the broader and more fundamental aspects of his world and his civilization.

### FIRST GROUP

**1-2 *Introduction to Philosophy* (3-3) Garnett**

The course is designed to introduce the student to the vital issues, both theoretical and practical, with which human intelligence is confronted in the present age. Section A: Mon., Wed., and Fri., 11:10 A.M.; section B: Mon., Wed., and Fri., 6:10 P.M.

Summer term 1945.

### SECOND GROUP

**111-12 *History of Philosophy* (3-3) Garnett**

A historical survey of the large periods and the main philosophers in the Orient and the Western world. Tues., Thurs., and Sat., 9:10 A.M.

**122 *Logic* (3) Garnett**

A critical study of deductive logic, induction, and the application of the principles of reflective thought in the natural and social sciences.

Summer term 1945.

**132 *Ethics* (3) Garnett**

A study of wisdom in conduct in personal and group life. (Not offered in 1945-46.)

**142 *Contemporary American Philosophy* (3) Garnett**

A comparative study of the general philosophies of Dewey, Perry, Pratt, Stace, Whitehead, Santayana, and Fite. (Not offered in 1945-46.)

**151 *Problems in the Philosophy of the Sixteenth and Seventeenth Centuries* (3) Garnett**

A comparative study of the general philosophies of Bruno, Bacon, Descartes, Malebranche, Spinoza, Leibniz, and Newton. (Not offered in 1945-46.)

**155-56 *Philosophical Movements in the Eighteenth Century* (3-3) Garnett**

A study of the general culture of the Enlightenment with special emphasis upon science, art, literature, religion, and politics. Ability to read French and German is desirable. (Not offered in 1945-46.)

**199-200 *Proseminar: Readings for the Major* (3-3) Garnett**

Hours to be arranged.



## PHYSICAL EDUCATION FOR MEN\*

‡James Ebenezer Pixlee, B.S., *Professor of Physical Education for Men*  
William Henry Myers, A.M., *Associate Professor of Physical Education for Men, Executive Officer*

Milo Frederick Christiansen, B.S., M.R., *Lecturer in Physical Education*  
George Albert Lentz, *Associate in Physical Education for Men*

This Department includes all the recognized athletic activities of the men students of the University.

Two years of physical education (Physical Education 1-2 and 11-12) are required of all men for graduation, except those students exempt under the regulations stated on page 38.

Upon entering the University, all freshmen or other undergraduate students who have not fulfilled the physical education requirement are given a medical examination. Assignments for medical examinations will be given at the time of registration. The students who satisfy the requirements of the medical examination are then given a physical efficiency test in the general bodily skills of agility, endurance, and strength; and in swimming. If the physical efficiency test is passed, the student may elect from the following list of activities, all of which are essential for war training:

Setting-up Exercises (stretching exercises)

Military Exercises (self-defensive combative skills)

Competitive Exercises (modified games and sports)

Swimming Exercises (distance, speed, and war functioning)

If the physical efficiency test is not passed, the student will be assigned to a class for training in the above activities in the order listed.

The Department furnishes gymnasium uniforms and personal equipment upon a small payment.

*Minimum requirements for the Dual-Major Teacher's Course.*—See pages 111-12, 112-13.

*Minimum requirements for the Single-Major Teacher's Course.*—See pages 111-12, 113.

*Minimum requirements for the minor.*—Prerequisite: Physical Education 42, 43-44, 45-46 (all of these courses may be satisfied by examination), 47, 49, 58. Required: twelve credit hours of second-group courses in physical education, including 102, 103, and 113-14.

### FIRST GROUP

#### 1-2 Freshman Physical Education§ (2-2)

Four periods of supervised activity a week. Locker and towel fee, \$2 a term. Assignment for activities and hours to be arranged. The Staff

#### 11-12 Sophomore Physical Education§ (2-2)

Four periods of supervised activity a week. Locker and towel fee, \$2 a term. Assignment for activities and hours to be arranged. The Staff

\* The University is not responsible for injuries received in inter-collegiate or intra-mural games, or in any of the activities of the departments of physical education.

‡ On war leave 1945-46.

§ Freshmen and sophomores in the School of Engineering are required to take two, instead of four, periods of physical education a week for which they receive one, instead of two, credits a term.

- 42 *Aquatic Sports, Swimming, and Lifesaving* (2) The Staff  
Fri., 1:00 to 3:00 P.M.
- 43-44 *Techniques of Physical Education Motor Activities for Freshmen* (2-2) The Staff  
A critical survey of the fundamental skills, rules, organization, appreciations, and attitudes in these activities. Mon. and Wed., 1:40 to 3:30 P.M.
- 45-46 *Techniques of Physical Education Motor Activities for Sophomores* (2-2) The Staff  
Tues. and Thurs., 1:40 to 3:30 P.M.
- 47 *Introduction to Physical Education* (2) Myers  
An orientation course presenting in elementary form the problems of physical education, vocational analysis, historical implication, scientific foundations, and scope of field. Hours to be arranged.
- 49 *Human Anatomy* (3) Lawrence  
The structure of the human body. Basic course for physical education students. Open to both men and women. Prerequisite: Biology 1-2. Hours to be arranged.
- 58 *First Aid and Care of Athletic Injuries* (2) Lentz  
Prevention and emergency care of injuries of all types, with special reference to first aid, bandaging, and massage. A practical course. Prerequisite: Physical Education 49; Biology 1-2. Tues. and Thurs., 1:40 P.M.

## SECOND GROUP

- 102 *Nature and Function of Play* (2) Atwell  
The significance of play in human growth and development; social and physical aspects of play; play activities in relation to age levels. Open to both men and women. Tues. and Thurs., 10:10 A.M.
- 103 *History and Principles of Physical Education* (2) Myers  
The interpretation of objectives of physical education activities under leadership, in terms of development, adjustment, and standards. Open to both men and women. Mon. and Wed., 9:10 A.M.
- 107 *Introduction to Methods in Physical Education* (2)  
Essential facts of education, psychology, and sociology, with special reference to the problem of method in physical education. Prerequisite: Biology 1-2; Psychology 1 and 22; Sociology 27 and 28. Hours to be arranged.

109 *Leadership Organization in the Intramural Program (2)*

The Staff

Principles of administration, organization, and supervision of intramural activities in the physical-education program of the junior high schools, senior high schools, and colleges. Prerequisite: Physical Education 47 and 107. Mon. and Wed., 1:40 P.M.

Physical Education 109x—same as Physical Education 109, but offered winter term. Mon. and Wed., 1:40 P.M.

113-14 *Directed Teaching in Physical Education Activities (2-2)*

The Staff

Practical demonstration of teaching procedures in adapting activities to the various problems in the secondary school organization. Prerequisite: a minimum of twelve credit hours in physical education; Physical Education 107. Hours to be arranged.

115-16 *Methods in Major Sport Activities (2-2)*

The Staff

Teaching procedures in adapting major sport activities to the several age-period groups and to individual differences existing in the secondary school organization. Prerequisite: demonstration of a fair degree of skill in these various activities; Physical Education 107. (Not offered in 1945-46.)

117-18 *Methods in Minor Sport Activities (2-2)*

The Staff

The scientific procedures in adapting these various activities to a secondary school physical-education program. Prerequisite: demonstration of a fair degree of skill in these various activities; Physical Education 107. (Not offered in 1945-46.)

121 *School and Community Health Programs (3)*

Atwell

Health services, healthful environment, health instruction, sources of material for general health knowledge. Open to both men and women. Prerequisite: Zoology 1-2 or Biology 1-2. Hours to be arranged.

122 *Methods and Materials in Health Education (3)*

Woodson

Organization and presentation of health materials for each age level. Prerequisite: Zoology 1-2 or Biology 1-2. Open to both men and women. Hours to be arranged.

123 *Psychological Analysis of Activities (2)*

The Staff

A detailed analysis of the mental processes during participation in physical-education activities. Prerequisite: Psychology 1 and 22. (Not offered in 1945-46.)

124 *Applied Anatomy and Physiology (3)*

Myers

The anatomical and physiological effects of physical-education activity. Prerequisite: Physical Education 49; Physiology 115; Zoology 1-2. Hours to be arranged.

125 *Kinesiology of Sports for the Physically Handicapped (3)*

Myers

Methods employed in the teaching of body mechanics which are adapted to the prevention and correction of physical disabilities. Prerequisite: Physical Education 49 and 124; Zoology 1-2. (Not offered in 1945-46.)



131 *Tests and Measurements in Physical Education* (3) Atwell

Critical survey of tests in physical activities; methods of test construction; elementary statistics. Open to both men and women. Hours to be arranged.

133-34 *Observation and Practice Teaching* (3-3) Myers

Required of every major student in the junior or senior year. Assignments are made to schools in Washington, D. C., and vicinity. Prerequisite: Education 131; Physical Education 113-14. Hours to be arranged.

138 *Administration and Organization of Physical Education* (2) Myers

The administration of a unified program; a study of physical education plants, athletic fields, and equipment. Prerequisite: Physical Education 47. Tues. and Thurs., 9:10 A.M.

146 *Administration of Community Recreational Programs* (3) Christiansen

The administrative organization of recreational projects; related agencies; problems of program content. Field trips, observation, practical work. Prerequisite: Physical Education 102. Open to both men and women. Hours to be arranged.

## PHYSICAL EDUCATION FOR WOMEN\*

Ruth Harriet Atwell, A.M., *Professor of Physical Education for Women,  
Executive Officer*

Helen Bennett Lawrence, A.M., *Associate Professor of Physical Education  
for Women*

‡Jenny Emsley Turnbull, A.M., *Assistant Professor of Physical Education  
for Women*

Elizabeth Burtner, A.M., *Assistant Professor of Physical Education for  
Women*

Edith Grosvenor Woodson, B.S., *Instructor in Physical Education for  
Women*

Margery Fitz Stephen Taylor, A.B., M.S., *Instructor in Physical Education  
for Women*

Two years of physical education (Physical Education 1-2 and 11-12) are required of all women for graduation, except of students exempt under the regulations stated on page 38. In the fall a complete medical and physical examination is given each student for the purpose of discovering individual needs. Those students whose examinations indicate the desirability of remedial or restricted activity are assigned to a program especially adapted to their needs. This limited program includes moderate sports and individual body mechanics in small groups under careful supervision.

The required costume for physical education classes may be purchased at the Student Club.

*Minimum requirements for the major.*—For the first two years in Junior College see page 53. For the last two years in the School of Education see pages 111-12, 113-14. Students desiring to prepare themselves to teach another subject in addition to physical education may do so by choosing their elective hours in one subject-matter field with the advice of the Dean of the School of Education.

### FIRST GROUP

#### 1-2 *Freshman Physical Education (1-1)*

The Staff

One period of fundamentals of health and physical education and two periods of activity a week.

Fundamentals of health and physical education: study of the factors involved in the maintenance of health and in the efficient use of the body. Section A: Wed., 11:10 A.M.; section B: Wed., 12:10 P.M.; section C: Wed., 1:10 P.M.; section D: Wed., 2:00 P.M.; section E: Wed., 2:50 P.M.; section F: Wed., 3:40 P.M.; section G: Wed., 4:30 P.M.

\* The University is not responsible for injuries received in inter-collegiate or intra-mural games, or in any of the activities of the departments of physical education.

‡ On war leave 1945-46.

Activities—*fall season*: soccer, riding, or hockey; *winter season*: dance, basketball, badminton, or individual body mechanics; *spring season*: elementary, intermediate, or advanced swimming, or (if the swimming test has been passed) riding, tennis, softball, indoor archery, or elementary golf. Locker and towel fee,\* \$2 a term. Section A: Tues. and Thurs., 9:10 A.M.; section B: Tues. and Thurs., 10:10 A.M.; section C: Mon. and Fri., 12:10 P.M.; section D: Tues. and Thurs., 12:10 P.M.; section E: Mon. and Fri., 1:40 P.M.; section F: Tues. and Thurs., 1:40 P.M.; section G: Mon. and Fri., 2:40 P.M.; section H: Tues. and Thurs., 2:40 P.M.

**11-12 Sophomore Physical Education (1-1)** The Staff

Two periods of activity a week. *Fall season*: field hockey, soccer, tennis, or riding; *winter season*: dance, basketball, badminton, or individual body mechanics; *spring season*: swimming, or (if the swimming test has been passed) tennis, riding, softball, indoor archery, or elementary golf. Locker and towel fee,\* \$2 a term. Sections the same as in Physical Education 1-2.

**13-14 Skill Techniques in Physical Education** The Staff  
*Activities (2-2)*

Practice in basic motor skills for prospective teachers in the following: (1) team sports—field hockey, soccer, basketball, softball, and speedball; (2) dance—folk, tap, modern; (3) body mechanics; (4) individual and dual sports—swimming, tennis, golf, badminton, archery; (5) graded games for all ages; (6) self-testing activities—tumbling, stunts, achievement tests. Programs are arranged according to individual needs. Locker and towel fee,\* \$2 a term. Wed., 1:40 to 4:30 P.M.; other hours to be arranged.

**15-16 Skill Techniques in Physical Education** The Staff  
*Activities (2-2)*

Continuation of Physical Education 13-14. Locker and towel fee,\* \$2 a term. Wed., 1:40 to 4:30 P.M.; other hours to be arranged.

**18 Kinesiology (3)** Lawrence

A study of the anatomical mechanism of movement, analysis of the action of the muscles in physical-education activities. Prerequisite: Biology 1-2 or Zoology 1-2 and an approved course in anatomy. Mon., Wed., and Fri., 9:10 A.M.

**49 Human Anatomy (3)** Burtner

The structure of the human body. Basic course for physical education students. Open to both men and women. Prerequisite: Biology 1-2 or Zoology 1-2. Mon., Wed., and Fri., 9:10 A.M.

**SECOND GROUP**

**102 Nature and Function of Play (2)** Atwell

The significance of play in human growth and development; social and physical aspects of play; play activities in relation to age levels. Open to both men and women. Tues. and Thurs., 10:10 A.M.

\* The locker and towel fee is required for registration in one or more of the activity courses.



103 *History and Principles of Physical Education* (2)

The interpretation of objectives of physical education activities under leadership, in terms of development, adjustment, and standards. Open to both men and women. (Not offered in 1945-46.)

105-6 *Individual Body Mechanics and Physical Examinations* (3-3) Lawrence

Cause and correction of faulty body mechanics and other abnormal physical conditions, physical-examination methods used in the diagnosis of physical defects, program adaptation to special cases. Prerequisite: Physical Education 18; Zoology 1-2 or Biology 1-2 and an approved course in anatomy. Mon., Wed., and Fri., 10:10 A.M.

111-12 *Methods of Teaching Physical Education Activities* (2-2) The Staff

Teaching procedures and officiating, with opportunities for practice in teaching the following: (1) team sports, (2) individual and dual sports, (3) graded games, (4) dance, (5) body mechanics. Locker and towel fee,\* \$2 a term. Wed., 1:40 to 4:30 P.M.; other hours to be arranged.

119-20 *Methods of Teaching Physical Education Activities* (2-2) The Staff

Continuation of Physical Education 100-10. Locker and towel fee,\* \$2 a term. Wed., 1:40 to 4:30 P.M.; other hours to be arranged.

121 *School and Community Health Programs* (3) Atwell

Health services, healthful environment, health instruction, sources of material for general health knowledge. Open to both men and women. Prerequisite: Zoology 1-2 or Biology 1-2. Hours to be arranged.

122 *Methods and Materials of Health Instruction* (3) Woodson

Organization and presentation of health materials for each age level. Prerequisite: Zoology 1-2 or Biology 1-2. Open to both men and women. Hours to be arranged.

130 *Clinical Work in Individual Body Mechanics and Physical Examinations* (3) Lawrence

Practice in giving physical examinations, analysis of results, prescription and teaching of corrective exercises; observation in orthopedic clinics in city; first aid and care of athletic injuries, with instruction in bandaging and massage. Prerequisite: Physical Education 18 and 105-6; Zoology 1-2 or Biology 1-2. Hours to be arranged.

131 *Tests and Measurements in Physical Education* (3) Atwell

Critical survey of tests in physical activities; methods of test construction; elementary statistics. Open to both men and women. Mon., Wed., and Fri., 9:10 A.M.

\* The locker and towel fee is required for registration in one or more of the activity courses.

- 132 *Camp Leadership* (1) Atwell and Lecturers  
Philosophy and administration of modern camps. Lectures and discussions by specialists in the various phases of camping, field trips, workshop in camp activities, seminar on camp administration. Additional credit for field work in camp under supervision may be arranged. Open to both men and women. Thurs., 7:30 to 9:30 P.M.
- 133-34 *Observation and Cadet Teaching* (3-3) Atwell  
Directed teaching with weekly conferences in junior and senior high schools.
- 140 *Administration of Physical Education* (3) Atwell  
Organization and administration of physical education in elementary and secondary schools and colleges. Prerequisite: Physical Education 102 and 103. (Not offered in 1945-46.)
- 146 *Administration of Community Recreational Programs* (3) Christiansen  
The administrative organization of recreational projects, social organization of recreation, problems of program content. Field trips, observation, practice work. Prerequisite: Physical Education 102. Open to both men and women. Tues., 7:30 P.M.

## PHYSICS

Thomas Benjamin Brown, Ph.D., *Professor of Physics, Executive Officer*

Walter Lynn Cheney, Ph.D., *Professor of Physics*

George Antony Gamow, Physics D., *Professor of Theoretical Physics*

\*Edward Teller, Ph.D., *Professor of Physics*

\*Raymond John Seeger, Ph.D., *Associate Professor of Physics.*

Judson Cull French, B.S., *Instructor in Physics*

George Martin Koehl, A.M., *Associate in Physics*

*The major.*—Prerequisite: Physics 6, 7, 8, and 55; Chemistry 12; Mathematics 19 and 20. Required for the Bachelor of Arts degree: Physics 116, 121, 125 (or Electrical Engineering 9 and 10); Mathematics 132; nine credit hours from Physics 113-14, 122, 128, 132, and 161 three credit hours from Physics 143-44 and 155. Required for Bachelor of Science degree: same as for the Bachelor of Arts degree, plus Mathematics 171.

### FIRST GROUP

#### 5 General Physics‡ (3)

Brown and Staff

Introduction to the scientific method as used in the study of energy and forces; physical properties of solids, liquids, and gases; phenomena of heat and light. Prerequisite: high school algebra and plane geometry. Material fee, \$6. Lecture—section A: Tues., 11:10 A.M.; section B: Tues., 6:10 P.M. Recitation and laboratory—section J: Thurs., 11:10 A.M., and Mon., 1:40 to 4:00 P.M.; section M: Thurs., 1:40 and 2:40 to 5:00 P.M.; section N: Fri., 1:40 and 2:40 to 5:00 P.M.; section R: Thurs., 6:10 and Tues., 8:00 to 10:30 P.M.; section T: Thurs., 7:10 and 8:00 to 10:30 P.M.

Physics 5x—same as Physics 5, but offered winter term. Section A: lecture—Mon., 11:10 A.M., recitation—Fri., 1:00 P.M., laboratory—Fri., 2:00 to 4:30 P.M.; section B: lecture—Mon., 7:10 P.M., recitation—Wed., 7:10 P.M., laboratory—Fri., 7:00 to 9:30 P.M.

#### 6 General Physics‡ (3)

Cheney and Staff

Mechanics, wave-motion, sound, and the theory of optical instruments. Offered winter term. Prerequisite: Physics 5; high school algebra and plane geometry. Material fee, \$6. Lecture—section A: Tues., 11:10 A.M.; section B: Tues., 6:10 P.M. Recitation and laboratory—section L: Thurs., 11:10 A.M. and Wed., 1:40 to 3:30 P.M.; section M: Thurs., 1:40 and 2:40 to 4:30 P.M.; section N: Fri., 1:40 and 2:40 to 4:30 P.M.; section P: Thurs., 6:10 and Mon., 8:00 to 10:00 P.M.; section R: Thurs., 7:10 and Tues., 8:00 to 10:00 P.M.; section T: Thurs., 6:10 and 8:00 to 10:00 P.M.

Summer term 1945.

\* On war leave 1945-46

‡ Physics 6, 7, and 8 constitute the basic course in physics. Students who have credit for high school physics from an accredited high school may omit Physics 5 as a prerequisite to Physics 6 and 7, provided that they pass a qualifying examination given at the beginning of the course (Physics 6 or Physics 7).

Before completing registration for Physics 5, 6, 7, or 55, each student must obtain from the representative of the Department an assignment to a class section.



**7 General Physics\* (3)**

Cheney and Staff

Electricity; magnetism; the principles underlying the uses of electric power in everyday life. Offered fall term. Prerequisite: Physics 5; high school algebra and plane geometry. Material fee, \$6. Lecture—section A: Thurs., 11:10 A.M.; section B: Thurs., 6:10 P.M. Recitation and laboratory—section K: Tues., 1:40 and 2:40 to 4:30 P.M.; section L: Wed., 1:40 and 2:40 to 4:30 P.M.; section N: Tues., 11:10 A.M. and Fri., 1:40 to 3:30 P.M.; section P: Tues., 6:10 and Mon., 8:00 to 10:00 P.M.; section R: Tues., 7:10 and 8:00 to 10:00 P.M. Summer term 1945.

**8 General Physics\* (2)**

Brown

The experimental evidence concerning the nature of light, electricity, and matter; practical developments of modern physics, such as X-ray apparatus, electron tubes, and radio. Prerequisite: Physics 6 and 7. Section A: Tues. and Thurs., 11:10 A.M.; section B: Tues. and Thurs., 6:10 P.M.

**55 Physical Measurements\* (2)**

Cheney

Theory and use of the methods of precise measurement in the several fields of physics. Prerequisite: Physics 6 and 7. Prerequisite or concurrent registration: Mathematics 19. Material fee, \$6. Section A: Thurs., 1:40 P.M.; laboratory—Thurs., 2:40 to 4:30 P.M.; section B: Wed., 7:10 P.M.; laboratory—Fri., 7:00 to 9:00 P.M.

**SECOND GROUP****113-14 Molecular and Atomic Physics (3-3)**

Gamow

Constituent particles of matter, kinetic theory and the properties of macroscopic bodies, spectra and the structure of atoms and molecules, introduction to chemical physics. Prerequisite: Physics 8; Mathematics 20. Tues. and Thurs., 7:35 to 8:50 P.M.

**116 Optics (3)**

Cheney

Geometrical optics; elementary theory of wave motion; interference, diffraction, polarization, and dispersion of light; laws of black-body radiation. Prerequisite: Physics 8; Mathematics 20. Mon., Wed., and Fri., 6:10 P.M.

**121 Mechanics (3)**

Cheney

Statics, elasticity, dynamics of solids and fluids, and gravitation. Prerequisite: Physics 6; Mathematics 20. Offered in 1946-47.

**122x Heat and Thermodynamics (3)**

Cheney

Thermometry, calorimetry, heat conduction, the laws of thermodynamics with application to physical systems. Prerequisite: Physics 8; Mathematics 20. Mon., Wed., and Fri., 6:10 P.M.

\* Physics 6, 7, and 8 constitute the basic course in physics. Students who have credit for high school physics from an accredited high school may omit Physics 5 as a prerequisite to Physics 6 and 7, provided that they pass a qualifying examination given at the beginning of the course (Physics 6 or Physics 7).  
Before completing registration for Physics 5, 6, 7, or 55, each student must obtain from the representative of the Department an assignment to a class section.

- 125 *Principles of Electricity* (3) Cheney  
Fundamental phenomena of electricity and magnetism; circuit theory, including elementary alternating-current circuits; terrestrial magnetism; atmospheric electricity. Prerequisite: Physics 8; Mathematics 20. (Not offered in 1945-46.)
- 128 *Sound* (3) Brown  
Production, propagation, and detection of sound waves; vibrations of sounding bodies; acoustic instruments and acoustic measurements. Prerequisite: Physics 8; Mathematics 20. 1946-47 and alternate years, Mon., Wed., and Fri., 6:10 P.M.
- 132 *Electronics* (3) Brown  
The phenomena of electron emission from solids; the physical properties of electron tubes, and the principles underlying their basic applications. Prerequisite: Physics 8 and 55, and Physics 125 or Electrical Engineering 10. Material fee, \$6. Lecture—Wed. and Fri., 7:10 P.M. Laboratory—Wed., 8:10 to 10:00 P.M.
- 143-44 *Modern Experimental Physics* (3-3) Brown  
Experimental methods for the study of the physical properties of electrons, atoms, and molecules. Prerequisite: Physics 8 and 55; Mathematics 20. Material fee, \$6 a term. Mon. and Wed., 7:35 to 10:00 P.M. (Physics 144 not offered in 1945-46.)
- 155 *Advanced Physical Measurements* (3) Brown  
An individual program of experiments arranged for each student in accordance with his preparation and his special interests. Prerequisite: Physics 55 and one course from Physics 116, 121, 125 (or Electrical Engineering 9 and 10). Material fee, \$6. Tues. and Thurs., 7:35 to 10:00 P.M. (Not offered in 1945-46.)
- 161 *Nuclear Physics* (3) Gamow  
Radioactivity, nuclear transformations, new particles; astrophysical applications. Prerequisite: Physics 113-14.  
Summer term 1945.

## THIRD GROUP

- 201-2 *Modern Physical Theories* (3-3) Gamow  
Elements of relativity, quantum theory, and nuclear physics. Prerequisite: Physics 113-14. (Not offered in 1945-46.)
- 211-12 *Classical Physical Theory* (3-3) Brown, Cheney  
Fall term: dynamics of systems of particles and of rigid bodies; generalized coordinates. Winter term: dynamics of elastic bodies and fluids; electromagnetic field theory. Prerequisite: Physics 121, 122, and 125; Mathematics 132 and 171. Offered in 1946-47.
- 213-14 *Electromagnetic Radiation* (3-3) Brown  
Electromagnetic theory as applied to light and radio waves, with especial consideration given to "micro-waves". Prerequisite: Physics 125 and 132 or the equivalent. 1945-46 and alternate years, Mon., Wed., and Fri., 6:10 P.M.

- 217-18 *Statistical Physics* (3-3)  
Foundations of classical and quantum statistics, kinetic theory of gases, fluctuation phenomena, thermodynamic properties of matter and radiation. Prerequisite: Physics 113-14, 121, and 122. (Not offered in 1945-46.)
- 221-22 *Quantum Mechanics* (3-3) Gamow  
Formulation and application of laws holding within the atom, the relation of these laws to those of classical physics. Prerequisite: Physics 113-14 and 211-12. Tues. and Thurs., 6.10 to 7.25 P.M.
- 232 *Advanced Electronics* (3) Brown  
Theory and design of electron tubes and electronic circuits. Lectures and problems. Prerequisite: Physics 132.  
Summer term 1945.
- 266 *Relativity and Gravitational Theory* (3) Gamow  
Basic principles, relativistic mechanics and electrodynamic theory of gravitation, cosmology. Prerequisite: Physics 211-12. (Not offered in 1945-46.)
- 275 *Structure of Stars* (3) Gamow  
Advanced work on stellar structure and energy sources. Either term on a conference basis, admission by special permission.
- 291-92 *Seminar: Recent Developments in Physics* The Staff  
(1-1)  
Individual investigations of special problems. All students registered for a Master's degree in physics are expected to attend this seminar during residence for the degree, and to take part in its activities. Credit for participation in the seminar work may be obtained by registering for this course during the last two terms of residence; this credit, however, is based upon the seminar work during the entire period of residence. Mon., 8.00 to 10.00 P.M., alternate weeks.
- 299-300 *Thesis* (3-3) The Staff



## PHYSIOLOGY

Errett Cyril Albritton, A.B., M.D., *Professor of Physiology, Executive Officer*

Chester Elwood Leese, Ph.D., *Associate Professor of Physiology*

Robert Custis Grubbs, A.B., M.S., M.D., *Assistant Professor of Physiology*

**115 Physiology (3)** Leese and Staff  
Lectures for academic students covering the fundamentals of physiology in its various subdivisions. Prerequisite: one year of general science or one term of a biological science. Section A: Tues., Thurs. and Sat., 9:10 A.M.; section B: Tues. and Thurs., 5:10 to 6:25 P.M.

**117 Physiology (1)** Grubbs  
Laboratory exercises in the fundamentals of physiology, for academic students. Prerequisite: Physiology 115 or the equivalent. The two, 115 and 117, may be taken concurrently. Material fee, \$12. Sat. 10:10 A.M. to 1:00 P.M.

**132 Physiology** Albritton and Staff  
One hundred physiological lectures in the following divisions, each as a unit: (1) blood, heart, circulation, respiration, and acid-base balance; (2) nutrition, digestion, metabolism, excretion, temperature regulation, and water balance; (3) sensory reception, central nervous processes, and somatic and visceral motor activity; (4) the endocrine glands and reproduction.

**134 Experimental Physiology** Albritton and Staff  
Laboratory work in each of the divisions listed in Physiology 132. Eight hours a week.

**137 First Aid** Grubbs and Staff  
Lectures by the staff and practical exercises conducted by qualified Red Cross First Aid instructors designed to enable the student to complete the "standard" course in First Aid and to appreciate the value and limitations of such training. One hour a week.

**200 Physiology of Activity (1 or 2)** Albritton  
The circulatory, respiratory, endocrine, metabolic, and other adaptations, immediate and long term, accompanying and affecting activity. May be taken for two credits with additional work. Prerequisite: Physiology 115 or the equivalent. Tues., 9:10 A.M.

**269-70 Problems in Physiology** Albritton and Staff  
Hours and credits to be arranged.

**272 Experimental Method** Albritton  
Design of controlled experiments in medical or biological investigation; errors in design; criticism and judgment of evidence, and tests of the statistical significance of experimental results. May be taken for one credit with additional work. Eight lectures, hours to be arranged.

274 *The Psycho-Physiology of Personality* (1 or 2) Leese  
Lectures on the genesis and expression of personality, with emphasis  
on the physiological approach. May be taken for two credits with  
additional work. Thurs., 5-10 P.M.

275-76 *Research* Albritton and Staff  
Hours and credits to be arranged.

## POLITICAL SCIENCE

Warren Reed West, Ph.D., *Professor of Political Science, Executive Officer*

William Crane Johnstone, Jr., Ph.D., *Professor of Political Science*

John Albert Tillema, Ph.D., LL.M., S.J.D., *Professor of Political Science*

\*John Withrow Brewer, Ph.D., *Professor of International Law*

Glendon John Mowitt, A.M., *Professorial Lecturer on Public Administration*

Robert Carnell Sampson, A.M., *Lecturer on Public Personnel Administration*

Francis Colt de Wolf, A.B., LL.B., *Lecturer on International Law*

Karl Joseph Pelzer, Ph.D., *Lecturer in Political Science*

*Minimum requirements for the major.*—Prerequisite: Political Science 9-10. Required: twenty-four credit hours from the following groups distributed as follows: six hours from Group A; six hours from Group B; six hours from Group A, B, or C; six hours from Group A, B, C, or D.

Group A: Political Science 111, 112, 117, 121, 122. Group B: Political Science 171, 172, 181. Group C: Political Science 115, 116, 124, 141, 151, 152, 161, 164, 192, 193, 194. Group D: Political Science 127, 128, 129, 130.

### FIRST GROUP

9-10 *Government of the United States*† West, ———  
(3-3)

Section A: Mon., Wed., and Fri., 10:10 A.M.; section B: Tues. and Thurs., 6:10 to 7:25 P.M.

Political Science 9x—same as Political Science 9, but offered winter term. Mon., Wed., and Fri., 5:10 P.M.

Political Science 10x—same as Political Science 10, but offered fall term. Mon., Wed., and Fri., 5:10 P.M.

Summer term 1945.

### SECOND GROUP†

111 *The Governments of Europe: the Democracies* (3)

(Not offered in 1945-46.)

Summer term 1945.

112 *The Governments of Europe: the Dictator States* (3)

(Not offered in 1945-46.)

Tillema

\* On war leave 1945-46

† Political Science 9-10 is prerequisite to all second-group courses.



- 115 *Municipal Government* (3) \_\_\_\_\_  
Mon., Wed., and Fri., 8:10 P.M.
- 116 *Political Parties* (3) \_\_\_\_\_  
Mon., Wed., and Fri., 8:10 P.M.
- 117 *Political Theory* (3) West  
Summer term 1945.
- 121-22 *The Constitution of the United States* (3-3) West  
Mon., Wed., and Fri., 11:10 A.M.
- 124 *Legislative Organization* (3) West  
(Not offered in 1945-46.)
- 127 *Commercial Law: Contracts, Agency, and Bailments* (3) Tillema  
Section A: Tues., Thurs., and Sat., 9:10 A.M.; section B: Mon., Wed., and Fri., 6:10 P.M.
- 128 *Commercial Law: Negotiable Instruments, Property, Sales, Mortgages* (3) Tillema  
Section A: Tues., Thurs., and Sat., 9:10 A.M.; section B: Mon., Wed., and Fri., 6:10 P.M.
- 129x *Law in Relation to the Form of Business Units* (3) \_\_\_\_\_  
Tues. and Thurs., 6:10 to 7:25 P.M.
- 130 *Maritime Law* (3) Tillema  
(Not offered in 1945-46.)
- 141 *The Development of Legal Institutions* (3) Brewer  
(Not offered in 1945-46.)
- 151 *Public Administration* (3) \_\_\_\_\_  
Tues. and Thurs., 6:10 to 7:25 P.M.
- 161-62 *Administrative Law* (3-3) Tillema  
Mon., Wed., and Fri., 7:10 P.M.
- 164 *Governmental Budgeting* (3)  
(Not offered in 1945-46.)
- 171 *International Politics and Organization* (3) Johnstone  
Tues. and Thurs., 6:10 to 7:25 P.M.  
Summer term 1945.
- 172 *Postwar Problems of International Politics and Organization* (3) Johnstone  
(Not offered in 1945-46.)
- 181 *International Law* (3) de Wolf  
Mon., Wed., and Fri., 6:10 P.M.

- 192 *The Near East: Politics and Government since 1878* (3) Johnstone  
Tues. and Thurs., 6:10 to 7:25 P.M.
- 193 *Far Eastern Governments: China, India, Japan, and Colonial Dependencies* (3) Johnstone  
Mon., Wed., and Fri., 10:10 A.M.
- 194 *Far Eastern Politics: Contemporary International Relations in the Pacific Area* (3) Johnstone  
Mon., Wed., and Fri., 10:10 A.M.
- 199-200 *Proseminar: Readings for International Relations Major* (3-3) Johnstone  
Hours to be arranged.

## THIRD GROUP

- 209-10 *Seminar: Congress and the President* (3) West  
Thurs., 8:10 P.M.
- \*241 *Personnel Management and General Administration in the Operating Agency* (3)  
Offered in 1946-47 and alternate years.
- \*242 *Functions of a Departmental Personnel Office* (3)  
Offered in 1946-47 and alternate years.
- \*243 *Supervision and Personnel Management* (3) Sampson  
Mon., 8:10 P.M.
- \*244 *The Employee and Public Service* (3) Sampson  
Mon., 8:10 P.M.
- \*251 *Seminar: Problems of Governmental Organization* (3)  
Offered in 1946-47 and alternate years.
- \*252 *Governmental Budgeting* (3)  
Offered in 1946-47 and alternate years.
- \*253 *Seminar: Budgetary Controls of Government Management* (3) Mowitt  
Mon., 8:10 P.M.
- \*254 *Seminar: Progress Reporting and Government Management* (3) Mowitt  
Mon., 8:10 P.M.
- \*271 *Seminar: International Political Organization* (3)  
Offered in 1946-47 and alternate years.

\* Primarily for majors in the School of Government.

- \*272 *Seminar: Population and World Politics* (3)  
Offered in 1946-47 and alternate years.
- \*273 *Seminar: International Administration* (3) \_\_\_\_\_  
Hours to be arranged.
- \*274 *Seminar: Objectives and Methods of Foreign Policy* (3) \_\_\_\_\_  
Hours to be arranged.
- 275 *Geographic Factors in Foreign Policy* (3) Pelzer  
Summer term 1945.
- 281 *Seminar: International Law and Relations* Johnstone  
(3)  
Summer term 1945.
- 282 *Seminar: International Law and Relations* Johnstone  
(3)  
Tues., 8:10 P.M.
- 293 *Seminar: International Politics in the Pacific Area* (3) Johnstone  
Tues., 8:10 P.M.
- 294 *Seminar: Governments in the Pacific Area* (3) Johnstone  
Offered in 1946-47 and alternate years.
- 299-300 *Thesis* (3-3) The Staff

\* Primarily for majors in the School of Government.



## PSYCHIATRY

- Winfred Overholser, A.B., M.D., Sc.D., *Professor of Psychiatry, Executive Officer*  
 Roscoe Willis Hall, Ph.B., M.D., *Clinical Professor of Psychiatry*  
 Solomon Katzenelbogen, M.D., *Clinical Professor of Psychiatry*  
 Addison McGuire Duval, M.D., *Assistant Clinical Professor of Psychiatry*  
 Harriet Elizabeth Twombly, A.B., M.D., *Associate in Psychiatry*  
 Samuel Alexander Silk, Ph.D., M.D., *Associate in Psychiatry*  
 Edgar Deucher Griffin, A.B., M.D., *Associate in Psychiatry*  
 Isabelle Kendig, Ph.D., *Associate in Psychiatry*  
 Paul Jacob Ewerhardt, M.D., *Clinical Instructor in Psychiatry*

- 136 *Introductory Medical Psychology* Overholser and Staff  
 Theoretical and practical aspects of the constitution, character, and personality as related to medicine; psychological features in various diseases; types of character development and their ways of adaptation. One hour a week.
- 278 *Psychopathology* Hall  
 Manifestations and understanding of various abnormal mental mechanisms and reaction-types, illustrated with suitable case material, and preceded by history of development of psychopathology. One hour a week.
- 366 *Psychiatry* Overholser  
 Major psychoses, illustrated by the presentation of clinical material and utilized for the purpose of explaining the fundamental psychological mechanisms involved. St. Elizabeths Hospital. One hour a week.
- 368 *Psychosomatic Aspects of General Medicine* Katzenelbogen  
 Somatic disorders of functional origin versus organic structural disorders. The role of personality reactions in somatic disorders (illustrative cases). St. Elizabeths Hospital. One hour a week.
- 370 *Personality Adjustments* Ewerhardt  
 Maladaptations occurring in childhood and youth. One hour a week for eight weeks.
- 427-28 *Psychological Techniques in Psychiatric Practice* Kendig  
 Discussion of psychological concepts and tools available for determination of intellectual level, personality structure, functional impairment, and organic deterioration. One hour a week for four weeks.

473-74 *Ward Work*

The Staff

Personal mental examinations and formal written report of the examination of the various types of psychoses, followed by a review of the cases with an instructor. St. Elizabeths Hospital. Two hours a week.

475 *Psychoneurosis*

Overholser and Staff

The clinical aspects, the etiology, the psychopathology, and the treatment of the various psychoneuroses. One hour a week for twelve weeks.

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- \*Mitchell Dreese, Ph.D., *Professor of Educational Psychology*  
 Thelma Hunt, Ph.D., M.D., *Professor of Psychology, Executive Officer*  
 ‡Henry Furness Hubbard, Ph.D., *Adjunct Professor of Psychology*  
 Edwin Wallace Davis, Ph.D., *Associate Professor of Psychology*  
 \*Steuart Henderson Britt, Ph.D., *Assistant Professor of Psychology*  
 Elizabeth Fehrer, Ph.D., *Assistant Professor of Psychology*  
 ‡William Moore Loman, A.M., *Lecturer in Psychology*  
 Katharine Tait Omwake, Ph.D., *Visiting Lecturer in Psychology*  
 Alan Motter Kershner, A.M., *Lecturer in Psychology*  
 Martha Louise Osborn, A.B., *Lecturer in Psychology*  
 \*Charles Norval Cofer, Ph.D., *Instructor in Educational Psychology*  
 George Horsley Smith, Ph.D., *Instructor in Psychology*

*Minimum requirements for the major.*—Prerequisite: Psychology 1 and three credit hours of any other first-group course in psychology. Required: Psychology 116, 191, 195, 196, and either 125 or 151; Physiology 115; Statistics 100, or 103-4 and nine credit hours elective in psychology, or closely related fields or departments if specifically approved in advance by the Department of Psychology.

### FIRST GROUP

#### 1 General Psychology§ (3)

Hunt, Fehrer, Smith  
 The fundamental principles underlying human behavior. Section A: Mon., Wed., and Fri., 10:10 A.M.; section B: Tues., Thurs., and Sat., 11:10 A.M.; section C: Mon., Wed., and Fri., 6:10 P.M.; section D: Tues. and Thurs., 7:35 to 8:50 P.M.

Psychology 1X—same as Psychology 1, but offered winter term. Section A: Mon., Wed., and Fri., 11:10 A.M.; section B: Mon., Wed., and Fri., 7:10 P.M.

Summer term 1945.

#### 2 Applied Psychology (3)

Hunt, Fehrer, Smith  
 The applications of psychology in business, industry, medicine, law, guidance, education, and social problems. Section A: Mon., Wed., and Fri., 10:10 A.M.; section B: Mon., Wed., and Fri., 6:10 P.M.; section C: Tues. and Thurs., 7:35 to 8:50 P.M.

Psychology 2X—same as Psychology 2, but offered fall term. Mon., Wed., and Fri., 9:10 A.M.

Summer term 1945 (Fehrer, Omwake).

#### 22 Introduction to Educational Psychology (3)

Smith  
 Individual differences and their significance in education and training; the psychology of learning. Tues., Thurs., and Sat., 11:10 A.M.

\* On war leave 1945-46.

‡ On leave of absence 1945-46.

§ Psychology 1 is prerequisite to all other courses in psychology.



## SECOND GROUP\*

- 116 *Abnormal Psychology* (3) Hunt  
The causes, diagnosis, treatment, and prevention of the various types of maladjustments and mental disorders. Mon., Wed., and Fri., 6:10 P.M.  
Summer term 1945 (Omwake).
- 121 *Educational Psychology* (3) Smith  
Individual differences and their significance in education and training; the psychology of learning. Parallels Psychology 22, but is designed for the more advanced student. Mon., Wed., and Fri., 6:10 P.M.
- 125 *Child Psychology* (3) Smith  
A genetic approach to the study of the child. Mon., Wed., and Fri., 7:10 P.M.  
Psychology 125x—same as Psychology 125, but offered winter term. Tues., Thurs., and Sat., 10:10 A.M.
- 127 *Occupational and Industrial Information* (3) Osborn  
Information concerning occupations and industries; job analysis; preparation of job descriptions, specifications, and manning tables; review of published sources of occupational and industrial information; classifications and relationships of occupations; supervised field work. Wed., 8:10 P.M.
- 29 *Educational and Vocational Guidance* (2) Davis  
A survey of the techniques used in guidance. Tues., 7:35 P.M.
- 31 *Psychological Tests* (3) Hunt  
A survey of psychological tests and their more common uses in business, industry, government, law, medicine, and education. Material fee, \$2.25. Mon., Wed., and Fri., 11:10 A.M.  
Summer term 1945.
- 32 *Individual Psychological Testing* (3) Hunt  
Instruction and practice in the giving of the Binet test and other individual psychological tests. Prerequisite: Psychology 131 or 134. Material fee, \$2.25. Mon. and Wed., 10:10 A.M.
- 34 *Educational and Psychological Measurements* (2)  
The construction and use of the newer types of educational and psychological tests. In exceptional cases, opportunity to earn three credit hours may be arranged. Material fee, \$2.25. Mon., 8:10 P.M.
- 1 *Psychology of Advertising and Selling* (3) Loman  
Fundamental procedures of advertising and selling, with emphasis on the application of psychological principles. (Not offered in 1945-46.)
- 2 *Business and Industrial Psychology* (3) Loman  
Job analysis; selection, placement, and promotion of personnel; instruction in the use of standardized tests and research methods in cooperation with local industrial personnel officers. (Not offered in 1945-46.)
- Psychology 1 is prerequisite to all other courses in psychology.

**143-44 Public Personnel Psychology (3-3)**

Fall term: personnel selection; winter term: inservice personnel activities. Mon., Wed., and Fri., 6:10 P.M.  
Summer term 1945—Psychology 144 (3).

**146 Employee Counseling (3)**

Davis  
A study of the principles and techniques of individual counseling as applied to employees, with special reference to the problems of counselors in government departments.  
Summer term 1945.

**148 Rehabilitation of the Handicapped (3)**

Hunt  
Rehabilitation agencies and organizations; types of handicaps; disability rating and evaluation; restoration; educational and vocational trainings; and selective occupational placement. Hours to be arranged.

**151 Social Psychology (3)**

Smith  
The social foundations of attitudes and behavior. Individual adjustment to group situations such as the family, school, fraternity, and occupation. The psychological bases of race prejudice, nationalism, and war. Tues., Thurs., and Sat., 10:10 A.M.

Psychology 151x—same as Psychology 151, but offered winter term. Mon., Wed., and Fri., 7:10 P.M.  
Summer term 1945.

**156 Propaganda and Public Opinion (3)**

Smith  
The formation of individual and group opinions in democracies and dictatorships. The means by which publics are influenced, particularly in social crises. Consideration of morale, rumor, and social leadership. Thurs., 7:35 P.M.

**162 Comparative Psychology (3)**

Fehrer  
A survey of psychological processes in infrahuman organisms, with special emphasis on the evolution of animal behavior from the lowest forms to man. (Not offered in 1945-46.)

**172 Psychology of Personality (3)**

Fehrer  
Contemporary approaches to the study of personality. Tues. and Thurs., 6:10 to 7:25 P.M.

**191-92 Experimental Psychology (3-3)**

Fehrer  
The application of experimental methods to various psychological problems. Psychology 191 is prerequisite to 192. Material fee \$6 a term. Fall term: Tues and Thurs., 1:10 to 3:10 P.M.; winter term: hours to be arranged.

Summer term 1945—Psychology 191 (3).

**195 History of Psychology and Survey of Current Fields (3)**

Fehrer  
A survey of the historical background of modern psychology, with especial attention to the development of contemporary fields. Critical reports on special topics and reading of the modern periodical literature. Tues. and Thurs., 6:10 to 7:25 P.M.

**196 Systems of Psychology (3)**

Fehrer  
A survey of the contemporary schools of psychology. Wed., 8:10 P.M.

- 7-98 *Field Work in Psychology (3-3)* The Staff  
Supervised field work in agencies providing psychological service. Admission by permission of the Executive Officer of the Department. Hours to be arranged.

## THIRD GROUP\*

- 201 *Seminar: Advanced General Psychology (3)* Fehrer  
General review of the field for graduate students with an intensive study of selected problems. Required in all graduate programs. Wed., 8:10 P.M.
- 23-4 *Research in Psychology* The Staff  
Hours and credits to be arranged.  
Summer term 1945.
- 214 *Seminar: Personality Deviations and Maladjustments (3)* Hunt  
A study of the psychology of maladjustments with special emphasis upon application of knowledge to current problems related to war and postwar situations. Prerequisite: abnormal psychology or mental hygiene.  
Summer term 1945.
- 218 *Structural Factors in Behavior (3)* Hunt  
A study of the endocrine glands as they affect behavior. (Not offered in 1945-46.)
- 221 *Seminar: Educational Psychology (3)*  
A survey of recent literature on individual differences and learning, with emphasis on their educational applications. (Not offered in 1945-46.)
- 225 *Community Agencies and Counseling (3)* \_\_\_\_\_  
Hours to be arranged.
- 226 *Seminar: Clinical Psychology of Childhood (3)* Hunt  
A study of behavior problems, personality disturbances, and mental disorders of children, with clinic observations. Offered each term on the independent study plan to a limited number of students.
- 27x *Seminar: Techniques of Counseling (3)* Davis  
A survey of counseling techniques and the types of problems most likely to confront teachers, vocational counselors, and personnel workers. Tues., 7:35 P.M.
- 30 *Seminar: Educational and Vocational Counseling (3)* Davis  
Current problems in the field of counseling. Special problems will be assigned in vocational counseling for governmental administration, commercial pursuits, industrial management, and veterans' direction. Hours to be arranged.  
Summer term 1945.

Psychology 1 is prerequisite to all other courses in psychology.



- 231 *Seminar: Test Construction* (3) Hunt  
The principles underlying the construction, evaluation, and standardization of psychological, educational, and vocational tests, with practice in the construction of tests. Prerequisites: an elementary course in tests and measurements and an elementary course in statistics. Fri., 8:10 P.M.
- 232 *Research: Test Construction* (3) Hunt  
Individual projects in construction and evaluation of psychological, educational, or vocational tests. Prerequisite: Psychology 231. Hours to be arranged.
- 233x *Seminar: Occupational Analysis Methods* Kershner  
(3)  
The methods and principles of analyzing jobs and workers in determining the occupational significance of techniques and data for occupational counseling, placement of workers, and transfer of skill. Prerequisite: Psychological Tests or Educational Measurements. Wed., 8:10 P.M.
- 255 *Seminar: Techniques of Opinion and Attitude Measurement* (3) Smith  
Methods of attitude measurement (interviews, questionnaires, scales, polls) as currently used by private and governmental investigators. The place of attitude studies in the school, industry, etc. Thurs., 7:35 P.M.
- 299-300 *Thesis* (3-3) The Staff

## CLOSELY RELATED COURSES IN OTHER DEPARTMENTS

- Political Science 241, *Personnel Management and General Administration in the Operating Agency*  
Political Science 242, *Functions of a Departmental Personnel Office*  
Political Science 243, *Supervision and Personnel Management*  
Political Science 244, *The Employee and Public Service*

## ROMANCE LANGUAGES AND LITERATURES

Grattan Doyle, A.M., *Professor of Romance Languages, Acting Executive Officer*

Irving Protzman, Ph.D., *Professor of Romance Languages*

Thomas Deibert, A.M., *Associate Professor of Romance Languages*

Clark Keating, Ph.D., *Associate Professor of Romance Languages*

Cornwell, Ph.D., *Associate Professor of French*

Alonso, A.M., *Associate Professor of Spanish*

ette DuPuy Caskie, L.-ès.-L., *Instructor in Romance Languages*

Isabel Downing, A.M., *Instructor in Spanish*

do Carmo, B.S., A.B., Th.M., *Associate in Portuguese*

*majors.*—The Department of Romance Languages offers three majors entered under the field-of-study plan, and provides proseminars intended to the student in preparing himself for the respective major examinations. are: (1) a *Major in French Literature* (proseminar: French 199-200); (2) a *Major in Spanish Literature* (proseminar: Spanish 199-200); and (3) a *Major in Spanish American Literature* (proseminar: Spanish 197-98). The of the staff in charge of the respective proseminars are designated as in the respective fields. In these majors, emphasis will be laid upon critical, social, and cultural background of the literature studied, as well as writers and their works. A reasonable proficiency in the spoken language is required. For further details, see the pamphlet on the subject or consult Executive Officer of the Department or the appropriate adviser.

### FRENCH

#### FIRST GROUP

2 *First-year French* (3-3) Cornwell and Staff  
For beginners. Grammar; composition; drill in pronunciation; translation of modern French prose. Section A: Tues., Thurs., and Sat., 9:10 A.M.; section B: Mon., Wed., and Fri., 10:10 A.M.; section C: Mon., Wed., and Fri., 6:10 P.M.; section D: Mon., Wed., and Fri., 7:10 P.M.; section E: Tues. and Thurs., 6:10 to 7:25 P.M.  
Summer term 1945.

4 *First-year French (accelerated)* (6) Protzman  
Same as French 1-2, but full year given in fall term on an accelerated basis. Daily, 11:10 A.M.

5 *Second-year French* (3-3) Deibert and Staff  
Advanced grammar and composition; reading of modern French prose; oral practice; introduction to French civilization. Prerequisite: French 1-2 or two years of high school French. Section A: Tues., Thurs., and Sat., 9:10 A.M.; section B: Mon., Wed., and Fri., 11:10 A.M.; section C: Mon., Wed., and Fri., 6:10 P.M.; section D: Mon., Wed., and Fri., 7:10 P.M.; section E: Tues. and Thurs., 6:10 to 7:25 P.M.  
Summer term 1945.

leave 1945-46.

- 5x-6 *Second-year French (accelerated) (6)* Protzman  
Same as French 5-6, but full year given in winter term on an accelerated basis. Daily, 11:10 A.M.

## SECOND GROUP

French 5-6 or the equivalent is prerequisite to all second-group courses in French.

- †109-10 *Conversation and Composition (3-3)* Caskie  
Section A: Mon., Wed., and Fri., 9:10 A.M.; section B: Mon., Wed., and Fri., 7:10 P.M.
- 119-20 *Literature of the Sixteenth Century (3-3)* Protzman  
Prose, poetry, drama, and memoirs of the French Renaissance: Rabelais, Montaigne, Marot, La Pléiade, etc. Class analysis of texts; collateral reading. Recommended: History 120. 1945-46 and alternate years, Mon., Wed., and Fri., 10:10 A.M.
- 121-22 *Literature of the Seventeenth Century (3-3)* Protzman  
History, philosophy, criticism, memoirs, letters, eloquence, drama, fiction, poetry. Class analysis of texts; collateral reading. 1946-47 and alternate years, Mon., Wed., and Fri., 6:10 P.M.
- 123-24 *Literature of the Eighteenth Century (3-3)* Deibert  
History, philosophy, criticism, letters, drama, fiction, poetry, the "salons", the idea of progress, the idea of science. Class analysis of texts; collateral reading; lectures on literature and history. 1945-46 and alternate years, Mon., Wed., and Fri., 6:10 P.M.
- 125-26 *Literature of the Nineteenth Century (3-3)* Protzman  
Romanticism and realism: fiction, poetry, drama, criticism. Class analysis of texts; collateral reading; lectures on literature and history. 1946-47 and alternate years. Mon., Wed., and Fri., 11:10 A.M.
- 127-28 *Literature of the Twentieth Century (3-3)* Cornwell  
Fiction, poetry, drama, criticism. Class analysis of texts; collateral reading; lectures on literature and history. 1945-46 and alternate years, Tues., Thurs., and Sat., 10:10 A.M.
- 129-30 *French Drama (3-3)* Protzman  
Study of the principal dramatic movements and theories from the origins to the present, with class analysis of representative plays and individual reports to the class on supplementary plays. (Not offered in 1945-46.)
- 131-32 *History of French Literature and Civilization (3-3)* Cornwell  
The masterpieces of French literature and their social, political, and cultural background. Lectures, recitations, and informal discussions. Tues., Thurs., and Sat., 9:10 A.M.
- 199-200 *Proseminar: Readings for the Major in French Literature (3-3)* Protzman  
Conferences and group discussions. Hours to be arranged.



## THIRD GROUP

- 28 *Seminar in Modern French Literature (3-3)*  
Prerequisite: a second-group course in French literature. 1946-47 and alternate years. Hours to be arranged.
- 30 *Seminar in Classical French Literature (3-3)* Protzman  
The topic for 1945-46 will be a study of the drama of Molière and his contemporaries. Prerequisite: a second-group course in French literature. 1945-46 and alternate years. Hours to be arranged.
- 50 *Old French\* (3-3)* Doyle  
Phonology and morphology of Old French, with an outline of its development through Vulgar Latin; survey of French literature to the end of the thirteenth century. Prerequisite: a second-group course in French literature; an elementary knowledge of Latin. Hours to be arranged.
- 52 *Middle French\* (3-3)* Doyle  
French literature of the fourteenth and fifteenth centuries. Class analysis of texts; collateral reading. Prerequisite: a second-group course in French literature. Knowledge of Old French desirable. Hours to be arranged.
- 00 *Thesis (3-3)* The Staff

## PORTUGUESE

## FIRST GROUP

- 2 *First-year Portuguese (3-3)* do Carmo  
For beginners. Grammar; composition; drill in pronunciation; translation of modern Portuguese prose. Mon., Wed., and Fri., 7:10 P.M.
- 6 *Second-year Portuguese (3-3)* do Carmo  
Advanced grammar and composition; reading of modern Portuguese prose; oral practice; introduction to Portuguese and Brazilian civilization. Prerequisite: Portuguese 1-2 or the equivalent. Mon., Wed., and Fri., 6:10 P.M.

## SECOND GROUP

Portuguese 5-6 or the equivalent is prerequisite to all second-group courses in Portuguese.

- 8 *Portuguese and Brazilian Literature (2-2)* do Carmo  
Evolution of the Portuguese language; outline of the literature of Portugal (fall term) and Brazil (winter term). Lectures, readings, written reports. Conducted in Portuguese. Hours to be arranged.

Of these courses (French 249-50 and French 251-52) only will be given in 1945-46, on the demand.

## SPANISH

## FIRST GROUP

- †1-2 *First-year Spanish* (3-3) Protzman and Staff  
For beginners. Grammar; composition; drill in pronunciation; translation of modern Spanish prose. Section A: Tues., Thurs., and Sat., 9:10 A.M.; section B: Mon., Wed., and Fri., 9:10 A.M.; section C: Tues., Thurs., and Sat., 10:10 A.M.; section D: Mon., Wed., and Fri., 10:10 A.M.; section E: Mon., Wed., and Fri., 11:10 A.M.; section F: Mon., Wed., and Fri., 6:10 P.M.; section G: Tues. and Thurs., 6:10 to 7:25 P.M.; section H: Mon., Wed., and Fri., 7:10 P.M.; section K: Tues. and Thurs., 7:35 to 8:50 P.M.; section L: Mon., Wed., and Fri., 8:10 P.M.  
Summer term 1945.

- 1-2X *First-year Spanish* (accelerated) (6) Downing  
Same as Spanish 1-2, but full year given in fall term on an accelerated schedule. Daily except Sat., 6:00 to 7:00 P.M.

- †5-6 *Second-year Spanish* (3-3) Alonso and Staff  
Advanced grammar and composition; reading of modern Spanish prose; oral practice; introduction to Hispanic civilization. Prerequisite: Spanish 1-2 or two years of high school Spanish. Section A: Tues., Thurs., and Sat., 9:10 A.M.; section B: Mon., Wed., and Fri., 9:10 A.M.; section C: Mon., Wed., and Fri., 11:10 A.M.; section D: Mon., Wed., and Fri., 6:10 P.M.; section E: Mon., Wed., and Fri., 7:10 P.M.; section F: Tues. and Thurs., 6:10 to 7:25 P.M.; section G: Tues. and Thurs., 7:35 to 8:50 P.M.  
Summer term 1945.

- 5X-6 *Second-year Spanish* (accelerated) (6) Downing  
Same as Spanish 5-6, but full year given in winter term on an accelerated schedule. Daily except Sat., 6:00 to 7:00 P.M.

## SECOND GROUP

Spanish 5-6 or the equivalent is prerequisite for all second-group courses in Spanish.

- †109-10 *Conversation and Composition* (3-3) Alonso  
Section A: Tues., Thurs., and Sat., 9:10 A.M.; section B: Mon., Wed., and Fri., 6:10 P.M.  
Summer term 1945.

- 111-12 *Commercial Spanish* (3-3) Meléndez  
Tues. and Thurs., 7:35 to 8:50 P.M.

- 121-22 *Spanish Literature of the Golden Age* (3-3) Doyle  
Cervantes, Lope de Vega, Calderón; the classic drama, fiction, the ballad, lyric poetry. Class analysis of texts; collateral reading; lectures on literature and history. Tues., Thurs., and Sat., 10:10 A.M.

- 125-26 *Modern Spanish Literature* (3-3) Alonso  
Prose and poetry of the eighteenth, nineteenth, and twentieth centuries. Class analysis of texts; collateral reading; lectures on literature and history. Mon., Wed., and Fri., 7:10 P.M.

- 30 *The Spanish American Novel* (3-3)  
Development of the novel in Spanish America. Lectures, collateral reading, and class analysis of texts.  
Summer term 1945.

- 38 *Spanish American Literature: South America* (3-3)  
Development of the literature of the Spanish-speaking countries of South America. Lectures, collateral reading, and class analysis of important works. 1946-47 and alternate years, Tues. and Thurs., 6:10 to 7:25 P.M.

- 40 *Spanish American Literature: The Caribbean Area* (3-3)  
Development of the literatures of the Spanish-speaking countries of Central America, the West Indies, and Mexico. Lectures, collateral reading, and class analysis of important works. 1945-46 and alternate years, Tues. and Thurs., 6:10 to 7:25 P.M.

- 98 *Proseminar: Readings for the Major in Spanish American Literature* (3-3)  
Conferences and group discussions. Hours to be arranged.

- 00 *Proseminar: Readings for the Major in Spanish Literature* (3-3) Alonso  
Conferences and group discussions. Hours to be arranged.

## THIRD GROUP

- 26 *Seminar in Spanish Literature* (3-3) Alonso  
Prerequisite: a second-group course in Spanish literature. 1945-46 and alternate years. Hours to be arranged.

- 28 *Seminar in Spanish American Literature* (3-3)  
Prerequisite: a second-group course in Spanish American literature. 1946-47 and alternate years. Hours to be arranged.

- 50 *Old Spanish* (3-3) Doyle  
Literature and philology: *Poema del Cid*, *Libro de Buen Amor*, *Conde Lucanor*, etc.; Menéndez Pidal's *Manual elemental de gramática histórica española* and Ford's *Old Spanish Readings*. Prerequisite: a second-group course in Spanish literature; an elementary knowledge of Latin. (Not offered in 1945-46.)

- 00 *Thesis* (3-3) The Staff

## ROMANCE LANGUAGES

## SPECIAL METHOD COURSE

- 76 *Teaching of Romance Languages* (2) Doyle  
Current methods and materials. Lectures, discussions, reports. Sat., 11:10 A.M.



## SECRETARIAL STUDIES

Dorothy Helene Veon, A.M., *Assistant Professor of Secretarial Studies,  
Executive Officer*

Clyde Wilson Humphrey, B.S., A.M., *Lecturer on Business Communi-  
cations*

Lewis Rensselaer Toll, M.S., *Lecturer on Conference and Court Re-  
porting*

Mary Winifred Cox, A.B., *Associate in Secretarial Studies*

Virginia Randolph Kirkbride, A.M., *Associate in Secretarial Studies*

*Requirements for the degree of Associate in Arts in Secretarial Studies.—See  
page 53.*

*Requirements for the degree of Bachelor of Science in Secretarial Administra-  
tion.—See special bulletin.*

### FIRST GROUP

#### 1 *Elementary Typewriting* (2)

Veon, Kirkbride

Fundamentals of typewriting, styles of business letters and forms, principles of tabulation, machine dictation and composition. Laboratory fee, \$4.50. Section A: Mon., Wed., and Fri., 11:10 A.M. to 12:30 P.M.; section B: Mon., Wed., and Fri., 7:10 to 8:30 P.M.

Secretarial Studies 1x—same as Secretarial Studies 1, but offered winter term. Section A: Mon., Wed., and Fri., 11:10 A.M. to 12:30 P.M.; section B: Mon., Wed., and Fri., 7:10 to 8:30 P.M.

#### 2 *Intermediate Typewriting* (2)

Veon, Kirkbride

The business letter and its arrangement, advanced tabulation, manuscript typing, office forms, stencil cutting, and legal documents. Prerequisite: Secretarial Studies 1 or the equivalent; ability to type accurately at 30 words a minute. Laboratory fee, \$4.50. Section A: Mon., Wed., and Fri., 11:10 A.M. to 12:30 P.M.; section B: Mon., Wed., and Fri., 7:10 to 8:30 P.M.

Secretarial Studies 2x—same as Secretarial Studies 2, but offered fall term. Mon., Wed., and Fri., 7:10 to 8:30 P.M.

#### 11 *Elementary Shorthand and Transcription* (4)

Veon

A functional study of Gregg shorthand correlating dictation and transcription. Minimum dictation speed of 60 words a minute attained. Laboratory fee, \$1.50. Section A: Mon., Wed., and Fri., 8:45 to 10:10 A.M.; section B: Mon., Wed., and Fri., 5:45 to 7:00 P.M.

Secretarial Studies 11x—same as secretarial Studies 11, but offered winter term. Mon., Wed., and Fri., 5:45 to 7:00 P.M.

#### 12 *Intermediate Shorthand and Transcription* (4)

Veon

Correlated program of Gregg shorthand dictation and transcription with emphasis on English usage and vocabulary building. Minimum

dictation speed of 80 words a minute attained. Prerequisite: Secretarial Studies 11 or the equivalent; ability to take dictation at 60 words a minute. Laboratory fee, \$1.50. Section A: Mon., Wed., and Fri., 8:45 to 10:00 A.M.; section B: 5:45 to 7:00 P.M.

15 *Advanced Shorthand Transcription and Typewriting Problems* (3) Veon, Cox

Emphasis on speed and accuracy. Minimum speed of 100 words a minute attained in dictation. Prerequisite: Secretarial Studies 12 or the equivalent; ability to take dictation at 80 words a minute and to transcribe accurately; ability to type 50 words a minute. Laboratory fee, \$1.50. Section A: Tues. and Thurs., 10:10 A.M. to 1:00 P.M.; section B: Mon., Wed., and Fri., 7:10 to 9:00 P.M.

16 *Secretarial Shorthand Dictation and Transcription* (3) Veon, Cox

Dictation and transcription involving vocabularies used in specific businesses and professions. Minimum dictation speed of 120 words a minute attained. Prerequisite: Secretarial Studies 15, or the equivalent; ability to take dictation at 100 words a minute and to transcribe accurately; ability to type 55 words a minute. Laboratory fee, \$1.50. Section A: Tues. and Thurs., 10:10 A.M. to 1:00 P.M.; section B: Mon., Wed., and Fri., 7:10 to 9:00 P.M.

41 *Business Mathematics* (2 or 3) Veon

Review of fundamentals; discounts and interests; annuities; investment evaluation; inventories and depreciation; etc. (An extra hour credit may be earned by satisfactory completion of a special project.) (Not offered in 1945-46.)

52 *Business Communications* (3-3) Humphrey

Fall term: principles of effective writing applied to correspondence and reports, especially those in the Federal Government; study of words and vocabulary building. Winter term: special emphasis on credit, collection, adjustment, and sales letters; business reports and articles; advertising copy; business literature. Prerequisite: English 1 and 2. Tues. and Thurs., 6:10 to 7:25 P.M.

4x *Secretarial Practice* (3) Veon

Training in secretarial duties, study of secretarial equipment and supplies. Actual office experience involving the taking of dictation and the transcribing of various materials; composing business letters, reports, and other forms; preparing bills, statements, financial forms, and statistical records; filing practice. Prerequisite: Secretarial Studies 12 and 51; Business Administration 51; or the equivalent. Hours to be arranged.

57 *English Usage for Secretaries* (2) Veon

Fundamentals of grammar, punctuation, capitalization, sentence structure, etc.; words study; proofreading and editing; analysis of style manuals, with particular reference to the Government Printing Office *Style Manual*. Mon., 7:10 to 9:00 P.M.

## SECOND GROUP

117-118 *Conference and Court Reporting (3-3)*

Toll

Principles and practices of reporting conferences and court testimony. Prerequisite: Secretarial Studies 16, or the equivalent; ability to take dictation at 120 words a minute. Special opportunity will be provided to report actual testimony and legal arguments in the Moot Court of the Law School. Laboratory fee, \$1.50 a term. Tues. and Thurs., 7:35 to 9:30 P.M.; Moot Court—Wed., 6:20 to 8:00 P.M.

172 *The Problems of the Administrative Assistant (3)* Veon

Principles and problems involved in administering stenographic units and the supervision and the management of offices. (Offered in 1946-47 and alternate years.)



## SOCIOLOGY

*major.*—Prerequisite: Sociology 27 and 28. Required: twenty-four credit hours of second- and third-group courses in sociology. With special permission, a maximum of six credit hours of the following closely related courses may be counted toward the major: Economics 141, 142, and 146; History 171-72; Philosophy 132; Psychology 125, 151, and 156; Statistics 101-2. Additional courses from this list are highly recommended as electives.

### FIRST GROUP

- 27 *Organization of Society* (3)  
The origin and development of culture; man's social nature; types of groups and social institutions; social processes; social change and social control. (Not offered in 1945-46.)
- 28 *Problems of Society* (3)  
Population problems; psycho-physical problems; problems of race and nativity, social institutions, and social control in war and peace. (Not offered in 1945-46.)

### SECOND GROUP

- 21 *Educational Sociology* (3)  
The relation of the school to the community; school culture; social control in the school; sociological principles for the construction of the curriculum. (Not offered in 1945-46.)
- 25 *Rural Sociology* (3)  
The origin and development of rural culture; types of rural communities; rural social institutions and personalities; relation to city life; present rural problems and rural planning. (Not offered in 1945-46.)
- 26 *Urban Sociology* (3)  
Types of cities; their origin, growth, social structure, composition, functions, and problems; urban personalities and institutions; urbanization and social control; city planning. (Not offered in 1945-46.)
- 35 *Child-Welfare Problems* (3)  
Social aspects of infant and child morbidity and mortality; socializing the child through the home, play group, and school; the physically handicapped child; dependent children; child labor; juvenile delinquency. (Not offered in 1945-46.)
- 36 *Criminology* (3)  
The nature, types, and distribution of crime; causes of criminal behavior; the machinery of justice; types of treatment; recidivism; rehabilitation; crime-prevention programs. Field trips to local penal institutions. (Not offered in 1945-46.)

## SPEECH

Willard Hayes Yeager, A.M., *Depew Professor of Public Speaking,*  
*Executive Officer*

\*Harold Friend Harding, Ph.D., *Professor of Public Speaking*

\*Henry Goddard Roberts, A.M., *Assistant Professor of Public Speaking*

\*Winfield DeWitt Bennett, A.M., LL.B., *Assistant Professor of Public Speaking*

Kathryn Howard Makeig, A.M., *Instructor in Speech*

Floyd Lorang Sparks, A.B., *Teaching Fellow in Play Production*

*The major.*—Required: twenty-four credit hours of second- and third-group courses. Recommended in addition: English 175, 183-84; Philosophy 111-12 and 122; Psychology 151.

### FIRST GROUP

- 1 *Principles of Effective Speaking* (3) Yeager, Makeig  
Short informative speeches; delivery practice; pronunciation, enunciation, and diction; impromptu speaking. Speech recordings are required. Recording fee, \$1.50. Section A: Mon., Wed., and Fri., 10:10 A.M.; section B: Mon., Wed., and Fri., 6:10 P.M.; section C: Mon., Wed., and Fri., 7:10 P.M.; section D: Tues., Thurs., and Sat., 11:10 A.M.

Speech 1x—same as Speech 1, but offered winter term. Section A: Mon., Wed., and Fri., 11:10 A.M.; section B: Mon., Wed., and Fri., 7:10 P.M.

Summer term 1945.

- 2 *Persuasive and Entertaining Speaking* (3) Yeager  
Special emphasis is placed on persuasive and entertaining speeches. This course is a continuation of Speech 1, which is prerequisite. Recording fee, \$1.50. Mon., Wed., and Fri., 10:10 A.M.

- 11 *Training of the Speaking Voice* (3) Makeig  
Developing ease, naturalness, and clarity in the speaking voice. Analysis of individual voices through recordings. Phonetic approach to the study of the sounds of English and the standards of speech. Class instruction in problems of rate, volume, pitch, and quality. Recording fee, \$1.50. Section A: Tues., Thurs., and Sat., 10:10 A.M.; section B: Mon., Wed., and Fri., 7:10 P.M.

Speech 11x—same as Speech 11, but offered winter term. Section A: Tues., Thurs., and Sat., 11:10 A.M.; section B: Mon., Wed., and Fri., 7:10 P.M.

- 42 *Parliamentary Law* (2)

The correct procedure in forming an organization and in conducting its meetings in an orderly and businesslike manner. (Not offered in 1945-46.)

\* On war leave 1945-46.

- 1-62 *Acting* (3-3) Sparks  
Body movement; basic expression and character analysis; interpretation; and make-up. Recording fee, \$1.50. Tues. and Thurs., 6:10 to 7:25 P.M.
- 5-66 *Stagecraft* (3-3) Sparks  
Building, painting, lighting, and rigging of stage scenery. Mon., Wed., and Fri., 1:00 P.M.
- 1-72 *Speech Clinic* Makeig  
Individual and group lessons for problems of voice and articulation: lisping, dialects, cleft palate speech, sound substitutions, stammering. Hours to be arranged.
- 73 *American Speech for Foreign Students* (3) Makeig  
Class limited to foreign born students. Instruction in the formation of the sounds of spoken English, with emphasis on rhythm and inflection. The International Phonetic Alphabet is used. Analysis of individual voices through recordings. Recording fee, \$1.50. Mon. and Wed., 8:10 to 9:25 P.M.  
Speech 73x—same as Speech 73, but offered winter term. Mon. and Wed., 8:10 to 9:25 P.M.

## SECOND GROUP

- 102 *Oral Interpretation of Literature* (3) Makeig  
Reading to others: theory and practice in the problems of communicating meaning and emotion. Selections for study include poetry and prose. Each student builds a lecture-recital. Prerequisite: Speech 11. Recording fee, \$1.50. Tues., Thurs., and Sat., 10:10 A.M.
- 108 *Speeches for Special Occasions* (3) Yeager  
The preparation and presentation of speeches of introduction, presentation, acceptance, welcome, nomination, and eulogy. Prerequisite: three credit hours of speech. Mon., Wed., and Fri., 6:10 P.M.
- 09 *Radio Speaking* (3) Yeager, Sparks  
Radio speeches, interviews, and discussions; news commentating; news reporting; plays. Prerequisite: three credit hours of speech. Recording fee, \$3. Mon., Wed., and Fri., 11:10 A.M.  
Summer term 1945.
- 21 *Argumentation and Debate* (3) Roberts  
The methods of influencing the beliefs or actions of others by means of reasoned discourse; practice debates on problems and on public questions. Prerequisite: Speech I. (Not offered in 1945-46.)
- 23 *Congressional Debate* (3) Harding  
Current public questions being debated in the House and Senate of the United States; techniques of discussion both in committee and on the floor. Prerequisite: six credit hours of speech. (Not offered in 1945-46.)



- 131 *Group Thinking and Conference Leadership* (3) Yeager  
The process of thinking and problem-solving in committees and small groups, and the methods of leading discussions and conferences. Prerequisite: six credit hours of speech or permission of the instructor. Wed., 8:10 P.M.
- 134 *Business Interviews and Speeches* (3) Yeager  
Organization and presentation of facts and opinions for interviews; the use of interviews to obtain information. Reports, sales talks, pep talks, and discussions. Prerequisite: Speech I. (Not offered in 1945-46.)
- 145-46 *English and American Orators and Oratory* (3-3) Yeager, Roberts  
Fall term: a survey of English orators and oratory; winter term: a survey of American orators and oratory from colonial days to recent times. Prerequisite: six credit hours of speech. (Not offered in 1945-46.)
- 158 *Legal Argument* (3) Bennett  
Opening and closing addresses before juries, practice in summation and presentation of factual information, interpreting and emphasizing evidence, study of models of forensic eloquence, speech composition. Designed for pre-legal students. Prerequisite: three hours of speech or Psychology 157. (Not offered in 1945-46.)
- 163-64 *Advanced Play Production* (3-3) Sparks  
Problems of play preparation, staging, directing, and character portrayal. Prerequisite: Speech 62 or 66. Tues., 8:10 P.M.
- 169-70 *Play Production Practice* (3 or 6) Sparks  
By permission of the instructor. Hours to be arranged.
- 191-92 *History of the Theory of Public Speaking* (3-3) Harding  
Classical and English rhetorical theory, including the works of Aristotle, Cicero, Quintilian, Longinus, Wilson, Campbell, Blair, and Whately. Prerequisite: six credit hours of speech. (Not offered in 1945-46.)

## THIRD GROUP

- 201-2 *Seminar* (3-3) Yeager  
Hours to be arranged.

## STATISTICS

Mark Weida, Ph.D., *Professor of Statistics, Executive Officer*  
 Randolph Riggelman, Ph.D., *Lecturer in Statistics*  
 Ron Kullback, Ph.D., *Lecturer in Statistics*  
 Sam Henry Erskine, Ph.D., *Associate in Statistics*

*majors.*—The Department of Statistics offers the following majors: (1) *Science Statistics*, (2) *Educational and Psychological Statistics*, and (3) *Statistics in the Biological and Physical Sciences*, in the School of Government; (4) *Mathematical Statistics*, in Columbian College. The minimum requirements for all four majors are the same.

*Minimum requirements for the majors.*—Prerequisite: Mathematics 12. 19. Philosophy 1-2; an introductory course in one of the social sciences, the biological sciences, or one of the physical sciences. Required: an understanding of the underlying mathematical theory employed to characterize, and elucidate quantitative or qualitative measurements which are found in the history of statistics, (2) characterization numbers, (3) correlation, frequency distributions and time series, (5) graphical analysis, and (6) collection and presentation of statistical data; a minimum of twenty-four credit hours of second-group courses in departments unrelated to statistics. For further information see the pamphlet on this subject or consult the adviser.

### FIRST GROUP

4 *Investment and Insurance Analysis* (3-3) —————  
 Interest and discount, annuities, valuation, depreciation, life annuities, life insurance premiums, reserves, unemployment and sickness benefits. Prerequisite: at least one entrance unit in algebra. Tues. and Thurs., 7:35 to 8:50 P.M.

5 *Mathematics of Finance* (3) Weida  
 Prerequisite: at least one entrance unit in algebra. Interest, annuities, sinking funds, amortization, depreciation, stock and bond valuation, life insurance.  
 Summer term 1945.

### SECOND GROUP

00 *General Statistics* (3) Weida and Staff  
 Prerequisite: at least one entrance unit in algebra. Mon., Wed., and Fri., 6:10 P.M.

2 *Principles of Statistics* (3-3) Weida and Staff  
 Sources of data, collecting and assembling of statistics, tabulation, graphical analysis, averages, measures of dispersion, frequency distributions, index numbers, time series, the normal curve, correlation. Prerequisite: at least one entrance unit in algebra. Laboratory fee, \$5 a term. Lecture—section A: Mon. and Wed., 11:10 A.M.; section B: Tues. and Thurs., 6:10 to 7:00 P.M.; section C: Mon. and Wed., 7:10 P.M. Laboratory—section N: Mon., 8:00 to 9:40 P.M.; section O: Tues., 8:00 to 9:40 P.M.; section P: Wed., 8:00 to 9:40 P.M.; section Q: Thurs., 8:00 to 9:40 P.M.; section S: Mon. and Wed., 12:10 to 1:00 P.M.

Summer term 1945.

- 105 *Statistical Charts and Graphs* (3)  
Prerequisite: at least one entrance unit in algebra. Laboratory fee, \$5. 1945-46 and alternate years, Tues. and Thurs., 6:10 to 7:25 P.M.
- 106 *Mechanical Tabulation* (3)  
The theory and use of the various sorting and tabulating machines. Prerequisite: at least one entrance unit in algebra. 1945-46 and alternate years, Tues. and Thurs., 6:10 to 7:25 P.M.
- †107-8 *Social Science Statistics* (3-3)  
Index number; fluctuations; forecasting; market analysis; wage, investment, and price analysis. Prerequisite: Statistics 101-2; Economics 1-2. Mon., Wed., and Fri., 7:10 P.M.
- 111 *Applied Sampling* (3)  
Application and limitations; stratified and directed sampling; practical exterior tests of reasonableness, representativeness, and adequacy. Prerequisite: Statistics 101-2. 1946-47 and alternate years, Tues. and Thurs., 6:10 to 7:25 P.M.
- 112 *Organization and Management in Statistical Work* (3)  
Planning projects, estimating costs, conducting surveys, organization of a statistical department. Prerequisite: Statistics 101-2. 1946-47 and alternate years, Tues. and Thurs., 6:10 to 7:25 P.M.
- 117 *Analysis of Variance* (3) Kullback  
A technique for segregating from comparable groups of data the variation traceable to specific sources; a method to estimate experimental error. Prerequisite: Statistics 101-2. Mon., Wed., and Fri., 7:10 P.M.
- 118 *Analysis of Covariance* (3) Kullback  
Advanced study of correlation and frequency analysis; and of sources, their uses and limitations. Prerequisite: Statistics 101-2. Mon., Wed., and Fri., 7:10 P.M.
- 131 *Statistics in Psychology and Education* (3) Weida  
The resolution of mental abilities into factors, the two-factor theory, the multiple-factor theory, tetrads and tetrad differences, tetrad correlation and reliability, overlapping variables. Prerequisite: Statistics 101-2; Mathematics 20. 1946-47 and alternate years, 6:10 P.M.
- 141 *Statistics in the Sciences* (3) Weida  
Theories of error; empirical and graduation functions; laws of human mortality, morbidity, and demography; numerical analysis; laws of growth and distribution; classification tests. Prerequisite: Statistics 101-2; Mathematics 20. 1945-46 and alternate years, Mon., Wed., and Fri., 6:10 P.M.
- †157-58 *Intermediate Theoretical Statistics* (3-3) Kullback  
Adjustments of observations, curve fitting, design of experiment, simple sampling, theories of dispersion, expectation, frequency functions, Thiele's semi-invariants, Gram-Charlier series. Prerequisite: Mathematics 20. Mon., Wed., and Fri., 6:10 P.M.



9-200 *Proseminar: Theoretical and Applied Statistics (3-3)*

Weida and Staff

This course is designed to coordinate the content of the baccalaureate major. Admission by permission of the instructor. Hours to be arranged.

THIRD GROUP

01-2 *Logic of Statistics (3-3)*

Design of experiment; uses, purpose, limitations and analysis of data; sampling techniques; principles of inference and error control. Admission by permission of the instructor. Mon., Wed., and Fri., 6:10 P.M.

03-4 *Business and Government Statistics (3-3)*

Analysis of production, supply, and demand; utility and disutility; interest and taxation; quality control. Admission by permission of the instructor. 1946-47 and alternate years, Mon., Wed., and Fri., 6:10 P.M.

5-56 *Probability (2-2)*

Weida

Scope; classical definition, limit definition, Bayes' theorem; Bernoulli's theorem; expectation; laws of large numbers; probabilities in continuum; limit theorems; distribution laws. Admission by permission of the instructor. 1946-47 and alternate years, Mon., 8:10 to 9:40 P.M.

5-58 *Advanced Theoretical Statistics (3-3)*

Weida

Contour integrals, characteristic functions, matrices, quadratic forms, sampling theory, measures of relation, contingency analysis, maximum likelihood, individual differences. Admission by permission of the instructor. Tues. and Thurs., 7:35 to 9:15 P.M.

6-64 *Statistical Inference (2-2)*

Kullback

Sample space, methods for estimating population parameters, fiducial inference and its application to testing hypotheses, Neyman-Pearson theory of testing hypotheses. Admission by permission of the instructor. 1946-47 and alternate years, Tues. and Thurs., 7:35 to 8:25 P.M.

6-66 *Multivariate Analysis (2-2)*

Kullback

Multivariate normal distribution, sample variance and covariance, tests of significance, problems of estimation. Admission by permission of the instructor. Tues. and Thurs., 7:35 to 8:25 P.M.

9-98 *Seminar: Reading and Research (3-3)*

Weida

Reading and research in theoretical and applied statistics. Admission by permission of the instructor. Hours to be arranged.

100 *Thesis (3-3)*

The Staff

Hours to be arranged.

## SURGERY

- Charles Stanley White, M.D., *Professor of Surgery, Executive Officer*  
 Daniel LeRay Borden, A.M., M.D., *Clinical Professor of Surgery*  
 Harry Hyland Kerr, M.D.C.M., *Clinical Professor of Surgery*  
 Paul Stirling Putzki, M.D., *Clinical Professor of Surgery*  
 Arch Lockhart Riddick, B.S., M.D., *Clinical Professor of Surgery*  
 William Berry Marbury, M.D., *Clinical Professor of Surgery*  
 Custis Lee Hall, M.D., *Clinical Professor of Surgery*  
 Guy Whitman Leadbetter, B.S., M.D., *Clinical Professor of Surgery*  
 William Russell Moses, M.D., *Adjunct Clinical Professor of Surgery*  
 \*John Hugh Lyons, M.S., M.D., *Associate Clinical Professor of Surgery*  
 Herbert Hermann Schoenfeld, M.D., *Associate Clinical Professor of Surgery*  
 \*William Warren Sager, M.S., M.D., *Associate Clinical Professor of Surgery*  
 Francis Xavier McGovern, M.D., *Associate Clinical Professor of Surgery*  
 Benjamin Franklin Dean, Jr., M.S., M.D., *Assistant Clinical Professor of Surgery*  
 Alec Horwitz, M.S., M.D., *Assistant Clinical Professor of Surgery*  
 Cline N. Chipman, M.D., *Associate in Anesthesia*  
 Richard Knight Thompson, D.D.S., *Associate in Dental Surgery*  
 Julius Salem Neviasser, A.B., M.D., *Associate in Surgery*  
 James Lloyd Collins, A.B., M.D., *Associate in Surgery*  
 Donald Harrison Stubbs, A.M., M.D., *Associate in Surgery*  
 William Ross Morris, M.D., *Associate in Surgery*  
 Philip Pelland, M.D., *Associate in Surgery*  
 Harold Walter Krogh, D.D.S., *Associate in Surgery*  
 Jacob Joseph Weinstein, B.S., Phar.G., M.D., *Associate in Surgery*  
 Edward Alexander Cafritz, M.D., *Clinical Instructor in Surgery*  
 Hazen Eugene Cole, B.S., M.D., *Clinical Instructor in Surgery*  
 Otto Anderson Engh, A.B., M.D., *Clinical Instructor in Surgery*  
 William Carey Meloy, M.D., M.S. in Med., *Clinical Instructor in Surgery*  
 Duane Case Richtmeyer, A.B., M.D., *Clinical Instructor in Surgery*  
 Stewart Maxwell Grayson, M.D., *Clinical Instructor in Surgery*  
 Jerome Blaine Harrell, M.D., *Clinical Instructor in Surgery*  
 Paula Reines Kaiser, M.B., Ch.B., *Clinical Instructor in Surgery*  
 Allen Southall Lloyd, M.D., *Clinical Instructor in Surgery*

\* On war leave 1945-46.

on Gerber, M.D., *Clinical Instructor in Surgery*  
eph Kreiselman, M.D., *Clinical Instructor in Surgery*  
ton Goldman, M.D., *Clinical Instructor in Surgery*

- 9-80 *General Surgery* Dean, Harrell  
Course of lectures and recitations covering surgical diseases of the neck and chest, herniae, amputations, and pre- and post-operative treatment. One hour a week for twenty-eight weeks.
- 281 *Anesthesia (elective)* Chipman, Stubbs  
Theoretical and practical instruction is given in the use of general and local anesthetic agents. One hour a week for fifteen weeks.
- 282 *Fractures and Dislocations* Leadbetter  
One hour a week.
- 283 *Principles of Surgery* Marbury  
Series of demonstrations of surgical instruments and appliances. The preparation of the patient, the operating room, the materials commonly used, and the duties of each member of an operating team. One hour a week.
- 1-72 *General Surgery* Putzki, Riddick  
Course of lectures and recitations covering surgery as applied to the neck, thorax, gastro-intestinal tract, and the bones and skeletal muscles. One hour a week.
- 3-74 *Ward Walks* The Staff  
Well-organized group ward-rounds are made with the visiting physicians and their respective staffs in the course of their usual rounds. Gallinger and Emergency hospitals.
- 76 *Surgical Clinic* The Staff  
Clinical teaching and demonstrations on the care of the various surgical diseases, with special emphasis on the pre- and post-operative management. Gallinger and Emergency hospitals.
- 80 *Surgical Staff Conference* White and Staff  
Gallinger Hospital. One hour a week.
- 82 *Clinical Clerkship* The Staff  
The student is assigned and required to work up thoroughly the cases for diagnosis and treatment. Gallinger and Emergency hospitals.
- 478 *Orthopedics* Hall  
Etiology, pathology, symptomatology, and treatment of congenital and acquired diseases of the bones and joints, and the clinical instruction in treatment and in the use of appliances for the correction of deformities. One hour a week.
- 481 *General Surgery* White  
One hour a week.



483-84 *Dispensary Clinic*

The Staff

Dispensary instruction in the principles and practice of surgery. Instruction of small groups is given in general surgery and the specialties, including anesthesia, neurosurgery, orthopedics, proctology, and oral surgery. University and Emergency hospitals.

485-86 *Special Problems in Surgery*

Riddick, Dean

General surgical diagnosis, with special emphasis on the diagnosis and differential diagnosis of surgical diseases and post operative complications. One hour a week.

488 *Surgical Clinic*

White and Staff

Demonstration to the entire class of the various surgical diseases. One hour a week.

489 *Surgical Anatomy*

Horwitz

One hour a week.

## UROLOGY

derick August Reuter, M.D., *Professor of Urology, Executive Officer*  
omas Carlton Thompson, B.S., M.D., *Clinical Professor of Urology*  
Charles Perry Howze, M.D., *Associate in Urology*  
bert Ottenberg, A.M., M.D., *Associate in Urology*

1-92 *Urology* Reuter  
Lectures covering the entire field of urology, including diagnosis, treatment, and morbid pathology. One hour a week.

3-94 *Clinics* The Staff  
Clinical teaching and demonstrations on the care of urological cases with special emphasis on the pre- and post-operative management. Operative clinics and clinical teaching. Gallinger and Children's hospitals.

5-96 *Clinics* Reuter and Staff  
Clinical demonstrations and teaching in the dispensary, with special attention given to diagnostic procedures. Emergency and University hospitals. One part of each section daily.

## ZOOLOGY\*

Donnell Brooks Young, Ph.D., *Professor of Zoology*  
 Ira Bowers Hansen, Ph.D., *Professor of Zoology, Executive Officer*  
 Edith Elizabeth Mortensen, A.M., *Assistant Professor of Zoology*  
 Lloyd Ancil Spindler, Sc.D., *Lecturer in Zoology*

*The major.*—Prerequisite: Zoology 1-2. The student must at the end of his senior year exhibit a correlated knowledge of the following fields: (1) classification, structure, and ecological relations of animals, both invertebrate and vertebrate; (2) embryological development and life histories of important animal types; (3) general principles of physiology, heredity, and evolution; (4) the development of biological principles, hypotheses, and theories as revealed in the study of the history of zoology.

The student will obtain this knowledge in part by taking courses offered in these fields and in part by individual study under the direction of his adviser. For further details, see the pamphlet on this subject or consult the adviser. Premedical students are required to take Zoology 1-2.

### FIRST GROUP

#### 1-2 Introduction to Zoology (4-4)

Young, Mortensen

An introduction to the study of the structure, functions, and relation of animals, and of the fundamental biological principles involved. Material fee, \$4.50 a term. Section A: Tues. and Thurs., 9:10 A.M.; section B: Mon. and Wed., 6:10 P.M. Laboratory—section M: Tues. and Thurs., 11:10 A.M. to 1:00 P.M.; section N: Tues. and Thurs., 1:40 to 3:30 P.M.; section O: Mon. and Wed., 7:10 to 9:00 P.M.; section P: Mon. and Wed., 1:40 to 3:30 P.M.

Summer term 1945.

#### †5-6 Field Zoology (3-3)

Mortensen

Summer term—1945 and alternate summers. Material fee, \$2.50 a term. Mon., Wed., and Fri., 1:40 to 4:30 P.M.

### SECOND GROUP

#### 101-2 Invertebrate Zoology (3-3)

Mortensen

A systematic study of invertebrate forms, including the study of morphology, classification, life histories, and phylogenetic relationships. Occasional field trips. Prerequisite: Zoology 1-2 or Biology 1-2. Material fee, \$4.50 a term. 1945-46 and alternate years, Mon. and Wed., 1:40 to 4:30 P.M. 1946-47 and alternate years, Tues. and Thurs., 7:35 to 10:15 P.M.

#### 134 Ornithology (3)

The birds of eastern North America. Material fee, \$4.50. (Not offered in 1945-46.)

\* See also the departments of Biology and Botany, pages 151-52 and 153-54.



- 137 *Histology* (3) Young  
An introduction to the microscopical anatomy of normal tissues and organs. Prerequisite: Zoology 1-2. Material fee, \$6. Fri., 7:10 P.M. Laboratory—Mon. and Wed., 7:10 to 9:00 P.M.  
Summer term 1945.
- 41-42 *Comparative Vertebrate Anatomy* (3-3) Hansen  
Lectures on the organ systems of the vertebrates; laboratory dissections of types. Prerequisite: Zoology 2. Zoology 141. Material fee, \$6 a term. Section A: Mon., 1:40 P.M.; section B: Mon., 7:10 P.M. Laboratory—section M: Mon., 2:40 to 4:30 P.M. and Wed., 1:40 to 3:30 P.M.; section N: Mon., 8:10 to 10:00 P.M. and Wed., 7:10 to 9:00 P.M.  
Summer term 1945—Zoology 142 (3).
- 144 *Introduction to Vertebrate Embryology* (3) Hansen  
The origin and early development of the individual and the formation of organ systems. Emphasis is placed on the frog, chick, and pig, with reference to the human embryo. Prerequisite: Zoology 2, and 141 or 142. Material fee, \$6. Tues., 1:40 P.M. Laboratory—Tues., 2:40 to 4:30 P.M. and Thurs., 1:40 to 3:30 P.M.  
Zoology 144x—same as Zoology 144 but offered fall term, Tues., 7:35 to 10:15 P.M.; and Thurs., 7:35 to 9:15 P.M.
- 7-48 *Experimental Morphology* (3-3) Hansen  
Lectures and class reports on experimental morphology. Prerequisite: Zoology 141-42 or the equivalent. 1946-47 and alternate years, Mon., Wed., and Fri., 6:10 P.M.
- 151 *Protozoa* (3) Mortensen  
An introduction to the protozoa: classification, life histories, and physiology, with special emphasis on free-living types. Material fee, \$4.50. Thurs., 6:30 to 9:30 P.M.
- 156 *Parasitology* (3) Spindler  
An introduction to the study of animal parasitology, with a survey of parasitic types from protozoa through arthropods. Prerequisite: Zoology 1-2 or the equivalent. Material fee, \$6. Tues. and Thurs., 7:35 to 10:15 P.M.
- 1-72 *Special Problems* (3-3) The Staff  
Written approval of the instructor is required. Hours to be arranged. Material fee, \$6 a term.
- 200 *Proseminar* (3-3) The Staff  
A course designed to correlate and supplement the work of zoology majors. Tues. and Thurs., 10:10 A.M.; evening hours to be arranged.
- 93-4 *Seminar in Invertebrate Zoology* (3-3) Mortensen  
Hours to be arranged.
- 1-52 *Seminar in Vertebrate Zoology* (3-3) Hansen  
Hours to be arranged.

**253-54 *Research***

Investigation of special problems. Hours and credits to be arranged.  
Summer term 1945.

The Staff

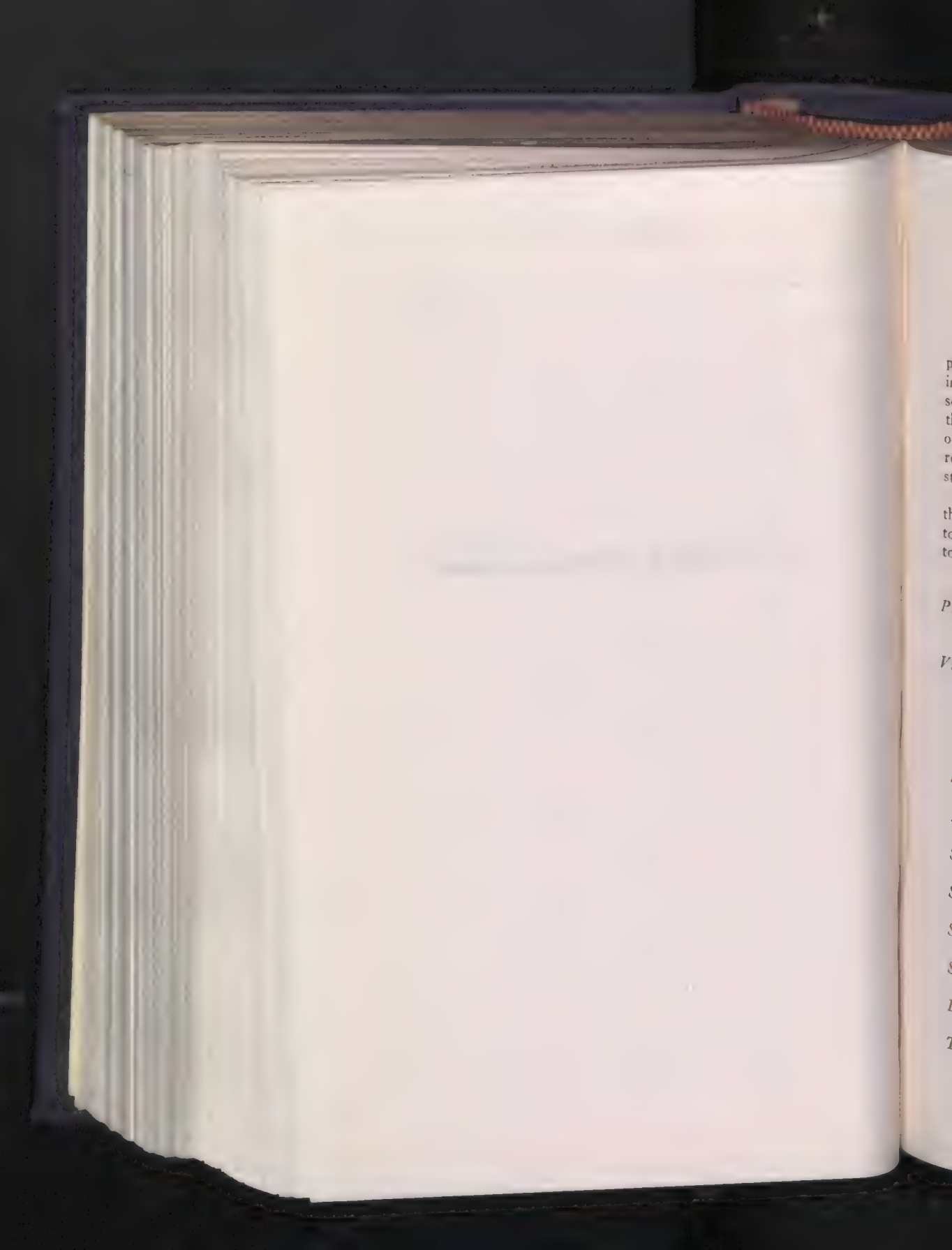
**299-300 *Thesis (3-3)***

Summer term 1945.

The Staff

UNIVERSITY ORGANIZATIONS





## ALUMNI AND ALLIED ASSOCIATIONS

### THE GENERAL ALUMNI ASSOCIATION

The objects of this Association are to unite the graduates in closer sympathy and to promote the general welfare of the University. The following persons are eligible for *active* membership: graduates of any college, school, or division of the University; holders of honorary degrees from the University; and members of the Board of Trustees and of the Faculty of the University. Any person who has matriculated, who has been in regular attendance for one year, and who has left the University in good standing, is eligible for *associate* membership.

The office of the Executive Secretary of the Association is located on the first floor of Columbian House of the University. Alumni are urged to keep the Secretary informed of changes of address or occupation and to supply information with regard to their fellow alumni.

1945

*President*.—Chester W. Holmes, Ed.D. 1936 (B.S. 1916, Ed.M. 1924, Harvard University); Franklin Administration Building, Washington, D. C.

#### *Life Presidents:*

*Columbian College*.—Bolon Bailey Turner, A.B. and LL.B. 1922, LL.M. 1924; 3900 Cathedral Avenue, Washington, D. C.

*Graduate Council*.—Joseph H. Roe, Ph.D. 1923 (A.B. 1916, Roanoke College; A.M. 1917, Princeton University); 1352 Jefferson Street, Washington, D. C.

*School of Medicine*.—Robert H. Harmon, M.D. 1929 (A.B. 1915, Millsaps College); 1150 Connecticut Avenue, Washington, D. C.

*Law School*.—C. Oscar Berry, LL.B. 1932, A.B. 1933; 1100 H Street, Washington, D. C.

*School of Engineering*.—William C. Thom, B.S. in C.E. 1904, C.E. 1905; 1346 Hemlock Street, Washington, D. C.

*School of Pharmacy*.—Irving A. Tennyson, Phar.D. 1913; 2816 38th Street, Washington, D. C.

*School of Education*.—Lucile M. Herrick, A.M. 1938, Ed.D. 1942; 4115 Wisconsin Avenue, Washington, D. C.

*School of Government*.—Ross P. Pope, A.B. in Govt. 1937; 309 Cameron Street, Alexandria, Va.

*Dental School*.—William M. Sweet, D.D.S. 1918; 1835 I Street, Washington, D. C.

*Treasurer*.—Anna M. Bischoff, A.B. 1928; 2025 I Street, Washington, D. C.

*Executive Secretary*.—Lester Allan Smith, A.B. in L.S. 1932, A.M. in L.S. 1935; 1825 Ontario Place, Washington, D. C.

*Executive Committee:*

Hugh H. Clegg, LL.B. 1926 (A.B. 1920, Millsaps College); Department of Justice Building, Washington, D. C.  
 Jessie Fant Evans (Mrs. Joshua Evans, Jr.), A.B. and T.D. (w.d.) 1913, Ed.D. 1932; 3405 Lowell Street, Washington, D. C.  
 Fred A. J. Geier, M.D. 1925; 4948 Lowell Street, Washington, D. C.  
 William H. Heers, A.B. in L.S. 1937 (A.B. 1930, Whitman College); 508 Maple Ridge Road, Bethesda, Md.  
 Frank H. Weitzel, A.B. 1931, LL.B. 1935; 2914 Tennyson Street, Washington, D. C.

THE GEORGE WASHINGTON UNIVERSITY MEDICAL SOCIETY

The George Washington University Medical Society, the organization of graduates of the School of Medicine, was established in 1905 and since 1926 has been affiliated with the General Alumni Association. The objects of the Society, as stated in the constitution are "The promotion of the science and art of medicine and the welfare of the School of Medicine".

1944-45

*President*.—Robert H. Harmon, M.D. 1929 (A.B. 1915, Millsaps College); 1150 Connecticut Avenue, Washington, D. C.

*President-Elect*.—Fred A. J. Geier, M.D. 1925; 4948 Lowell Street, Washington, D. C.

*First Vice President*.—J. Burton Glenn, M.D. 1921; 2015 Q Street, Washington, D. C.

*Second Vice President*.—Irma Belk Hobart, M.D. 1936; 5110 Manning Place, Washington, D. C.

*Secretary-Treasurer*.—Oscar B. Hunter, M.D. 1912, A.B. 1916, A.M. 1917; 1835 I Street, Washington, D. C.

*Council:*

William Earl Clark, M.D. 1904; 5220 Partridge Lane, Washington, D. C.

William M. Ballinger, A.B. 1921, M.D. 1924; 4923 Hillbrook Lane, Washington, D. C.

Herman S. Hoffman, A.B. 1921, M.D. 1924; 3316 Newark St., Washington, D. C.

Howard F. Kane, M.D. 1912 (A.B. 1909, Bowdoin College); 4941 Glenbrook Road, Washington, D. C.

Arnold McNitt, M.D. 1925, B.S. in Med. 1925, A.M. 1928; 3117 Hawthorne Street, Washington, D. C.

(Officers of the Society are ex officio members of the Council.)



# THE GEORGE WASHINGTON LAW ASSOCIATION

The George Washington Law Association, the organization of graduates of the Law School, was founded in 1912 and has been affiliated with the General Alumni Association since 1926. Its purposes as stated in the constitution are to promote high standards of legal education, to keep the alumni of the Law School in closer touch with one another and especially with members of their own classes, to gather and publish at intervals information as to the whereabouts and activities of these alumni, and to further the interests of the Law School.

1944-45

*President*.—Howard P. Locke, LL.B. 1927 (B.S.C. 1923, Washington College of Accountancy); Tax Division, Department of Justice, Washington, D. C.

*First Vice President*.—Stanley P. Smith, LL.B. 1928; Shoreham Building, Washington, D. C.

*Second Vice President*.—Charles R. Allen, Ex-1920; Washington Loan and Trust Building, Washington, D. C.

*Third Vice President*.—Justin L. Edgerton, A.B. 1929, LL.B. 1931; 2014 Ross Road, Silver Spring, Md.

*Secretary-Treasurer*.—Frank H. Weitzel, A.B. 1931, LL.B. 1935; 2914 Tennyson Street, Washington, D. C.

*Executive Committee*:

C. Oscar Berry, LL.B. 1932, A.B. 1933; 1100 H Street, Washington, D. C.

Mary M. Connelly, LL.B. 1922; 1830 17th Street, Washington, D. C.

John W. Jackson, LL.B. 1932; Woodward Building, Washington, D. C.

Charles E. Smoot, A.B. 1933, LL.B. 1935; 1835 Belmont Road, Washington, D. C.

John W. Townsend, LL.B. 1920, LL.M. 1921; 1366 National Press Building, Washington, D. C.

# THE LIBRARY SCIENCE ALUMNI ASSOCIATION

The Library Science Alumni Association was organized in 1932 by graduates of the Division of Library Science and became an affiliate of the General Alumni Association in 1935. It was established to foster closer relationship between the Faculty and graduates and to further the interests of the Division of Library Science and of the University as a whole.

1944-45

*President*.—William H. Heers, A.B. in L.S. 1937 (A.B. 1930, Whitman College); 508 Maple Ridge Road, Bethesda, Md.

- Vice President.*—A. Marguerite Matthews, A.B. 1937, A.B. in L.S. 1939; 9214 Midwood Road, Silver Spring, Md.  
*Secretary.*—Virginia C. Whitney, A.B. in L.S. 1930; 3338 Military Road, Washington, D. C.  
*Treasurer.*—Martha R. Schmidt, Ex-1938 (A.B. in Ed. 1930, A.B. in L.S. 1937, University of Michigan); 35 Bryant Street, Washington, D. C.

#### THE ENGINEER ALUMNI ASSOCIATION OF THE GEORGE WASHINGTON UNIVERSITY

The Engineer Alumni Association was organized in 1936 and has been affiliated with the General Alumni Association since that time. Its objects are to unite the graduates and Faculty of the School of Engineering in closer fellowship, to promote the general welfare of the School of Engineering and of the University at large, to foster activities of the engineering organizations recognized by the University, and to advance the profession of engineering in general.

1944-45

- President.*—William C. Thom, B.S. in C.E. 1904, C.E. 1905; 1346 Hemlock Street, Washington, D. C.  
*Vice President.*—Henry W. Herzog, B.S. in C.E. 1930; 22 Duval Drive, Westmoreland Hills, Md.  
*Recording Secretary.*—Joseph E. Gray, B.S. in C.E. 1927, C.E. 1937; 4607 Brandywine Street, Washington, D. C.  
*Corresponding Secretary.*—Charles J. Michelson, B.S. in M.E. 1939; 4037 7th Street, N.E., Washington, D. C.  
*Executive Committee:*  
 J. Meigs Brearley, B.S. in M.E. 1931, LL.B. 1936; 1810 Shepherd Street, Washington, D. C.  
 Arthur R. Eno, B.S. in Eng. 1933; 3230 Wheeler Road, S.E., Washington, D. C.  
 Otis L. Turner, B.S. in M.E. 1932; West Falls Church, Va.

#### THE GEORGE WASHINGTON UNIVERSITY NURSES ASSOCIATION

The George Washington University Nurses Association was organized in 1914. In 1936 this organization was made an integral part of the General Alumni Association, and graduates of the School of Nursing were accorded associate membership. The objects of the Association are to hold in unison the graduates of the George Washington University Hospital School for Nurses, to care for its sick members, and to promote the advance of nursing in the interest of the George Washington University Hospital.

1944-45

- President.*—Louva Neff Baker, N.Cert. 1919; 1361 Iris Street, Washington, D. C.  
*Vice President.*—Pauline Tarpley, N.Cert. 1931; 1228 I Street, Washington, D. C.  
*Secretary.*—Flora S. Schroebel, N.Dip. 1928; 2000 16th Street, Washington, D. C.  
*Treasurer.*—Mrs. Claudine Thomas, N.Cert. 1927; 1714 Adams Street, Arlington, Va.

REGIONAL ALUMNI CLUBS

1944-45

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF ARKANSAS

- President.*—  
*Vice-President.*—Walter L. Brown, LL.B. 1920; Courthouse, El Dorado, Ark.  
*Secretary-Treasurer.*—H. Howard Cockrill, LL.B. 1933 (B.S. 1931, University of Virginia); 825 Pyramid Building, Little Rock, Ark.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF BALTIMORE

- President.*—L. Preble Marmion, A.B. 1927; 528 Nottingham Road, Ten Hills, Baltimore, Md.  
*Secretary.*—Marie O'Dea, A.B. and M.S. in Chem. 1923; 230 South Monastery Avenue, Baltimore, Md.  
*Treasurer.*—Archibald L. Russell, A.B. 1928; Windsor Court Apartments, Baltimore, Md.

*Scholarship Committee:*

- Gladys T. Hopkins, A.B. and B.Dip. in Ed. 1922 (A.M. 1931, Columbia University); 2936 McElderry Street, Baltimore, Md.  
 Charles Silver, LL.B. 1916 (B.Chem. 1911, Cornell University; M.P.L. 1917, Georgetown University); 821 Calvert Building, Baltimore, Md.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF CHICAGO

- President.*—Samuel W. Kipnis, LL.B. 1926; 1414 Monadnock Building, 53 West Jackson Boulevard, Chicago, Ill.  
*Vice President.*—Louis A. Bisson, LL.B. 1915, LL.M. 1916 (M.P.L. 1916, Georgetown University); 3032 Park Place, Evanston, Ill.  
*Secretary.*—Ruth H. Manasse (Mrs. DeWitt J. Manasse), LL.B. 1924; 111 West Washington Street, Chicago, Ill.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF CINCINNATI

- President.*—  
*Secretary.*—Charles N. Moore, M.S. 1905, Sc.D. 1932 (A.B. 1903, University of Cincinnati; Ph.D. 1908, Harvard University); University of Cincinnati, Cincinnati, Ohio.



### THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF CLEVELAND

*President.*—Emanuel M. Davidove, LL.B. 1923, LL.M. 1924; N.B.C. Building, Cleveland, Ohio.

*Vice President.*—James T. Hoffman, LL.B. 1931 (B.S. in E.E. 1926, University of Pittsburgh); 20924 Erie Road, Rocky River, Ohio

*Secretary-Treasurer.*—Lucille M. Wunderlich, LL.B. 1925; 1001 Huron Road, Cleveland, Ohio

#### *Executive Committee:*

Paca Oberlin, LL.B. 1903, LL.M. 1904, M.Dip. 1905, D.C.L. 1911 (LL.D. 1927, Washington College of Law); 3145 Berkshire Rd., Cleveland Heights, Ohio

Matthew S. Farmer, LL.B. 1911; 602 Engineers Building, Cleveland, Ohio

Ira David Lucal, LL.B. 1922; 1055 Leader Building, Cleveland, Ohio

### THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF DALLAS

*President.*—Michael P. McKool, A.B. 1942; 2719 Denley Drive, Dallas, Texas

*Vice President.*—

*Secretary-Treasurer.*—Earl E. Miller, LL.B. 1923; 3835 Opal Avenue, Dallas, Texas

### THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF DENVER

*President.*—

*Secretary-Treasurer.*—Ronald A. Silver, A.B. 1925; Box 960, Denver, Colo.

### THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF DETROIT

*President.*—Franklin C. Knock, LL.B. 1922; 9th Floor, David Stahl Building, Detroit, Mich.

*Vice President.*—

*Secretary-Treasurer.*—Louis M. Hopping, A.B. 1924, LL.B. 1927; 11996 Indiana Avenue, Detroit, Mich.

*Corresponding Secretary.*—Laurette McKendree, A.B. 1921; 246 Madison Street, Detroit, Mich.

*Publicity Agent.*—Karl B. Lutz, LL.B. 1924, M.P.L. 1925 (A.B. 1920, Bethany College, West Virginia); 680 Rivenvak, Birmingham, Mich.

### THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF KANSAS CITY

*President.*—Edward L. Scheufler, A.B. 1922, LL.B. 1924; 1503 Commerce Building, Kansas City, Mo.

*Vice President.*—Joseph A. Horigan, Phar.D. 1885, M.D. 1888; 5 East 54th Terrace, Kansas City, Mo.

Secretary.—

Treasurer.—Albert F. Hillix, LL.B. 1924 (A.B. 1920, University of Missouri); 1007 Bryant Building, Kansas City, Mo.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF  
LOS ANGELES

President.—Charles R. Witt, D.D.S. 1919; 1508 Georgina Avenue, Santa Monica, Calif.

Secretary-Treasurer.—Ida G. Williams, LL.B. 1925; 1264 S. Plymouth Boulevard, Los Angeles, Calif.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF  
MILWAUKEE

President.—Eleanor S. Cushing, M.D. 1916; 2577 North Humbolt Avenue, Milwaukee, Wis.

Vice President.—Morris L. Stern, LL.B. 1906; 1147 Empire Building, Milwaukee, Wis.

Secretary.—Arnold C. Otto, A.B. 1911, LL.B. 1913 (A.B. 1911, Lawrence College); 740 North Plankenton Avenue, Milwaukee, Wis.

Treasurer.—William C. Lyon, LL.B. 1922, LL.M. 1923; 2636 North 66th Street, Wauwatosa, Wis.

Director.—Herbert W. Cornell, LL.B. 1919 (A.B. 1908, University of Colorado); Civil Service Commission, Milwaukee, Wis.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF NEBRASKA

President.—Olaf W. Osnes, LL.B. 1922; 400 Brandeis Theatre Building, Omaha, Nebr.

Vice President.—

Secretary-Treasurer.—Howard Kennedy III, LL.B. 1935; First National Bank Building, Omaha, Nebr.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF  
NEW ENGLAND

President.—Richard J. Shea, A.B. 1924; 19 Emery Street, Methuen, Mass.

Vice President.—Maurice Palais, LL.B. 1912; 16 Court Street, Boston, Mass.

Secretary-Treasurer.—Eleanor V. Smith, A.B. in L.S. 1933; 49 Commonwealth Avenue, Boston, Mass.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF NEW YORK

President.—A. Bruce Bielaski, LL.B. 1904; 85 John Street, New York, N. Y.

Vice President.—

*Second Vice President.*—Nelson Littell, A.B. 1920, LL.B. 1922; 22 East 40th Street, New York, N. Y.  
*Vice President in Charge of Scholarship.*—George H. Baston, A.B. 1914; 60 Beaver Street, New York, N. Y.  
*Secretary.*—Elsie B. Jansen, LL.B. 1930 (A.B. 1927, Wellesley College); 108 Washington Place, New York, N. Y.  
*Treasurer.*—

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF  
NORTHERN CALIFORNIA

*President.*—William S. Graham, M.P.L. 1908 (LL.B. 1906, LL.M. 1907, National University); Crocker Building, San Francisco, Calif.  
*Secretary.*—William H. Atkinson, Ex-1926; 582 Market Street, San Francisco, Calif.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF  
OKLAHOMA CITY

*President.*—Angelo C. Scott, LL.B. and LL.M. 1885 (A.B. 1877, A.M. 1880, University of Kansas; Litt.D. 1916, College of Emporia); 310 Northwest 16th Street, Oklahoma City, Okla.  
*Secretary.*—Harry B. Gilstrap II, A.B. 1925; 2008 Northwest 20th Street, Oklahoma City, Okla.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF  
PHILADELPHIA

*President.*—William E. Zimmerman, A.B. 1922; Lazy Creek Farm, Lansdale, Pa.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF THE  
PHILIPPINE ISLANDS

*President.*—Professor Lino J. Castillejo, A.B. and B.Dip. in Ed. 1919; A.M. 1920; Malacanan Palace, Manila, P. I.  
*Secretary-Treasurer.*—Paterno C. Villanueva, A.B. 1925, A.M. 1927; University of the Philippines, Manila, P. I.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF  
PITTSBURGH

*President.*—William H. Parmelee, LL.B. 1918 (LL.M. and M.P.L. 1920, Georgetown University); 1621 Farmers Bank, Pittsburgh, Pa.  
*Secretary.*—Alice S. Andrews, A.B. 1923 (A.M. 1934, University of Pittsburgh); 603 Broad Street, Sewickley, Pa.



THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF  
PORTLAND

*President.*—Cleo Calvin Spears, Ex-1919-22; Oswego, Oreg.  
*Vice President and Secretary.*—Herbert W. White, LL.B. 1911; 614  
Mead Building, Portland, Oreg.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF  
PUERTO RICO

*President.*—Ramón C. Ruiz-Nazario, M.D. 1918; San Juan, P. R.  
*Vice President.*—Rafael Rivera-Aulet, M.D. 1916; Hospital Avenue,  
Arecibo, P. R.  
*Secretary.*—Wilson P. Colberg, LL.M. 1927 (LL.B. 1926, University  
of Puerto Rico); 23 Nueva Street, Santurce, P. R.  
*Treasurer.*—Ricardo F. Fernández, M.D. 1931; P. O. Box 673, San  
Juan, P. R.  
*Permanent Delegate at Washington.*—Tomás Cajigas, M.D. 1918, B.S.  
in Med. 1919, M.S. 1921; 1801 I Street, Washington, D. C.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF RICHMOND

*President.*—John A. Rollings, M.D. 1912; 923 West Franklin Street,  
Suite 104, Richmond, Va.  
*Secretary.*—John K. Hyde, A.B. 1929; 1319 Nottoway Avenue, Rich-  
mond, Va.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF ST. LOUIS

*Secretary.*—Phineas H. Lamphere, LL.B. 1931 (B.S. in E.E. 1927, Uni-  
versity of Idaho); 208 North Broadway, St. Louis, Mo.

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF SAN  
FRANCISCO—SEE THE GEORGE WASHINGTON UNIVERSITY ALUMNI  
CLUB OF NORTHERN CALIFORNIA

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF SEATTLE

*President.*—Oscar A. Zabel, LL.B. 1926; Fourth & Pike Building,  
Seattle, Wash.  
*Secretary.*—

THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF TOLEDO

*President.*—LaDow Johnston, LL.B. 1929 (A.B. 1925, University of  
Kansas); Suite 807, Second National Bank Building, Toledo, Ohio

### THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF TULSA

*President.*—

*Vice President.*—

*Secretary.*—Lela Howard Wood (Mrs. Robert H. Wood), Ex-1910;  
217 East 24th Street, Tulsa, Okla.

### THE GEORGE WASHINGTON UNIVERSITY ALUMNI CLUB OF UTAH

*President.*—

*Vice President.*—John Jensen, LL.B. 1909 (A.B. 1906, University of Utah); 920 Continental Bank Building, Salt Lake City, Utah

### GOVERNMENT CLUBS

#### THE GEORGE WASHINGTON UNIVERSITY INTERIOR CLUB

*President.*—Samuel J. Flickinger, LL.B. 1918 (LL.M. 1919, M.P.L. 1919, Georgetown University; D.C.L. 1922, American University); U. S. Indian Office, Chicago, Ill.

*Vice President.*—

*Secretary.*—

#### THE GEORGE WASHINGTON UNIVERSITY JUSTICE CLUB

*President.*—Howard P. Locke, LL.B. 1927 (B.C.S. 1923, Washington College of Accountancy); Tax Division, United States Department of Justice, Washington, D. C.

*Vice President.*—

*Secretary.*—Joseph A. Connors, Jr., LL.B. 1937; 4316 Windom Place, Washington, D. C.

### THE GRADUATE ENDOWMENT FUND

The Graduate Endowment Fund was founded by the class of 1926 with the object of providing endowment to be used for the development of the University. Membership is limited to seniors and graduates who sign a pledge of \$100, payable annually in ten equal installments.

The pledge notes and funds are held in trust. When the principal reaches the sum of \$100,000, the Board of Administrators of the Fund may pay to the University such sums as it may vote for erection of buildings, acquisition of sites, maintenance, and purchase of equipment. At no time may money be drawn so as to leave a balance of less than \$50,000 on deposit.

On request, the Alumni Secretary of the University will furnish pledge blanks to alumni.

BOARD OF ADMINISTRATORS \*

*Chairman.*—Ludwig Caminita, Jr., B.S. 1934, A.M. 1937; 501 North Lincoln Street, Arlington, Va.

*Vice Chairman.*—Margaret Maize Boaz (Mrs. J. Noble Boaz), A.B. 1928; 7212 Aberdeen Road, Bethesda, Md.

*Members:*

Kenneth C. Beede, A.B. 1927; 200 Cleave Drive, Falls Church, Va.

Wilhelmina Gude Hussey (Mrs. Hugh Hussey), A.B. in Ed. 1931; 3354 Stuyvesant Place, Washington, D. C.

Arthur F. Johnson, M.E. 1915 (Ph.D. 1938, University of Michigan); 1208 Oakcrest Road, Arlington, Va.

*Executive Secretary.*—Lester Allan Smith, A.B. in L.S. 1932, A.M. in L.S. 1935; The University.

THE COLUMBIAN WOMEN

The objects of this organization are (1) the promotion of acquaintanceship among its members; (2) the advancement of women by the founding of scholarships in the various departments of the University, and by every other possible means; and (3) the promotion of the interests of the University in every way.

MEMBERSHIP

1. The following persons shall be eligible for active membership:  
(a) any woman who for one year has been a regularly registered student in The George Washington University, provided that she shall have received credit for thirty hours of work; (b) any woman member of the Faculties, Council, or Board of Trustees, any woman on the administrative staff; the wife or recognized head of the household of any member of the Faculties, Council, Board of Trustees, or of the administrative staff; (c) any woman recipient of an honorary degree from the University.

2. The following persons shall be eligible for associate membership:  
(a) any graduate woman student upon her registration in the University; (b) the wife of any graduate student upon the registration of the latter in the University.

Associate members shall have all privileges and obligations of membership except those of voting and holding office.

1944-45

*President.*—Meta F. Eldridge (Mrs. Watson W. Eldridge, Jr.); Staff House, No. 6, St. Elizabeths Hospital, Congress Heights, D. C.

*First Vice President.*—Alice H. Drake, Ex-1918; 2400 16th Street, Washington, D. C.

\* Elected by the subscribers.



- Second Vice President.*—Clara P. Yeager (Mrs. W. Hayes Yeager); 1604 44th Street, Washington, D. C.
- Corresponding Secretary.*—Emma A. Buechele, A.B. 1928; 1615 Kenyon Street, Washington, D. C.
- Assistant Corresponding Secretary.*—Elizabeth F. Wrenn (Mrs. Samuel N. Wrenn) (A.B. 1927, Pennsylvania State College); 408 N. Thomas Street, Arlington, Va.
- Recording Secretary.*—Elise W. Kissling (Mrs. Thomas E. Kissling); A.B. (w. d.) 1929, A.B. in L.S. 1934; 309 Newport Avenue, Westgate, Friendship Station, D. C.
- Treasurer.*—Lea B. Brown (Mrs. Thomas B. Brown) (A.B. 1917, Cornell University); 2810 23d Street, Arlington, Va.
- Assistant Treasurer.*—Florence Taylor Handy (Mrs. John B. Handy); A.B. 1914; 100 5th Street, NE., Washington, D. C.
- Historian.*—Katherine Scrivener, A.B. and B.Dip. in Ed. 1928; 6912 6th Street, Washington, D. C.

## HONOR SOCIETIES

*Phi Beta Kappa*.—A national honor society recognizing "outstanding intellectual capacity well employed" in the field of liberal arts and sciences. Senior and junior students who are candidates for the degree of Bachelor of Arts or Bachelor of Science in Columbian College (in exceptional cases, senior and junior students in other non-professional divisions of the University) and who have shown broad cultural interests, distinguished scholarly achievement, high character, general promise, and scholarly ideals may, to a number not exceeding 15 per cent of a class, be elected to membership by the Faculty members of the Alpha Chapter of the District of Columbia.

*Sigma Xi*.—A national scientific honor society, the purpose of which is to encourage original investigation in science pure and applied. Outstanding graduate students in the sciences are eligible for full membership, and undergraduates who have shown marked ability in research may be elected to associate membership.

*Order of the Coif*.—A national legal society, the purpose of which is to foster a spirit of careful study and to mark in a fitting manner those who have attained a high grade of scholarship. Members are elected each year from the highest 10 per cent of the graduating class of the Law School.

*Sigma Tau*.—A national engineering fraternity, the purpose of which is to recognize scholarship and professional attainment.

*Alpha Lambda Delta*.—A national fraternity established to encourage and reward high scholarship and attainment, membership in which is limited to those freshman women who attain a scholastic average of at least 3.50.

*Artus*.—A national economics society.

*Delphi*.—An intersorority society.

*Delta Sigma Rho*.—A national forensic honor society.

*Gate and Key*.—An interfraternity society.

*Iota Sigma Pi*.—A national honorary chemical society for women.

*Mortar Board*.—A national honorary society for senior college women, stressing leadership, scholarship, and service.

*Omicron Delta Kappa*.—A national fraternity emphasizing leadership extracurricular activities.

*Phi Delta Kappa*.—A national honorary fraternity for men in the field education.

*Phi Eta Sigma*.—A national fraternity, established to encourage and reward high scholarship and attainment, membership in which is limited to those freshman men who attain a scholastic average of at least 3.50.

*Pi Gamma Mu*.—A national social-science society.

*Pi Lambda Theta*.—A national honorary fraternity for women in the field of education.

*Sigma Gamma Epsilon*.—A national honorary geology fraternity.

*Sigma Pi Sigma*.—A national honorary physics fraternity.

*Sigma Rho*.—Honorary research society in physiology.

*Smith-Reed-Russell Society*.—A scholastic society in the School of Medicine. Students of the third and fourth years who maintain a scholastic average of 86 per cent are eligible for associate membership.

*William Beaumont Medical Society*.—A society founded with the object of encouraging and stimulating medical students in work of individual investigation.



## STUDENT ORGANIZATIONS

### PROFESSIONAL FRATERNITIES

Alpha Chi Sigma (chemistry), Alpha Epsilon Iota (medicine), Alpha Kappa Kappa (medicine), Alpha Kappa Psi (commerce and economics), Alpha Pi Epsilon (home economics), Chi Upsilon (geology), Delta Phi Epsilon (foreign service), Delta Theta Phi (law), Kappa Beta Pi (law), Mortar and Pestle (pharmacy), Nu Sigma Nu (medicine), Phi Alpha Delta (law), Phi Chi (medicine), Phi Delta Delta (law), Phi Delta Epsilon (medicine), Phi Delta Gamma (graduate), Phi Delta Phi (law), Phi Pi Epsilon (foreign service), Phi Sigma Rho (philosophy), Pi Delta Epsilon (journalism), Theta Tau (engineering).

### SOCIAL FRATERNITIES

Sigma Chi, Kappa Sigma, Kappa Alpha, Theta Delta Chi, Phi Sigma Kappa, Sigma Alpha Epsilon, Sigma Phi Epsilon, Phi Alpha, Sigma Nu, Acacia, Tau Kappa Epsilon, Pi Kappa Alpha.

### SOCIAL SORORITIES

Pi Beta Phi, Chi Omega, Sigma Kappa, Phi Mu, Alpha Delta Pi, Delta Zeta, Kappa Delta, Phi Sigma Sigma, Zeta Tau Alpha, Kappa Kappa Gamma.

### DEPARTMENTAL CLUBS

Aesculapian Society (pre-medical), Student Bar Association, American Society of Civil Engineers, American Institute of Electrical Engineers, The Engineering Council, Le Cercle Francais Universitaire, El Club Español, Home Economics Club, Charles Clinton Swisher History Club, American Society of Mechanical Engineers, National Collegiate Players, A. F. A. King Obstetrical Society, Psychology Club, Schoenfeld Verein, Lester F. Ward Sociological Society, Orchesis, Student Branch American Pharmaceutical Association, Tironians (secretarial), Hellenic Society.

### RELIGIOUS ORGANIZATIONS

Baptist Student Union, B'nai B'rith Hillel Foundation, Canterbury Club, Christian Science Organization, Luther Club, Newman Club, Wesley Club, Westminster Club.

### MUSICAL ORGANIZATIONS

Girls' Glee Club, Men's Glee Club, Symphony Club.

## STUDENT PUBLICATIONS

*The Cherry Tree* (the annual), *The University Hatchet* (weekly newspaper), *The George Washington Law Review*, *Mecheleciw* (Engineers' publication).

## OTHER ACTIVITIES

Colonial Campus Club, Cue and Curtain Club (dramatics), Interfraternity Council, International Students Society, Junior Panhellenic Council, Masonic Club, Panhellenic Council, Student Council, Student Veterans of World War II, Themian, Women's Athletic Association, Women's Fencing Club.

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THE UNIVERSITY RECORD

1944-45



# CERTIFICATES AWARDED AND DEGREES CONFERRED

## THE JUNIOR COLLEGE

### JUNIOR CERTIFICATE

MAY 31, 1944

Allen, Avonne	Md.	Harrison, Bernard Arnold	D.C.
Allen, Jo Ann	Pa.	(With honors)	Md.
Alperowich, Jacob	D.C.	Hawes, James Edwin	D.C.
Atherton, Emmy Lou	Va.	Hayward, Mildred	W. Va.
(With honors)		Heineman, Thelma Shirley	Va.
Ballow, Margaret Frances	Tex.	Higginson, Helen Rose	Tex.
Beckman, Kenneth Woodrow	Minn.	Howard, Rosslyn Kessler	D.C.
Bennet, Virginia John	Va.	Johnson, Norton Steele	D.C.
Bennett, Margery Jeanne	D.C.	Jones, Betty Rebecca	D.C.
Berg, Joseph	N.Y.	Kapneck, Selma Frances	D.C.
Bichoff, Shirley Lillian	Mich.	Katzen, Sally Rose	D.C.
Blake, Rhea	D.C.	Kedan, Sylvia	D.C.
(With honors)		Keesling, Mona Jeanne	D.C.
Bojokles, Despina	D.C.	Kinsel, Lois Thelma	D.C.
Bosse, Titiana	D.C.	Kohl, Francis Victor	D.C.
Boteler, Marcia	Md.	Koppialky, Jean Luise	D.C.
Braslow, Sylvia Anna	N.Y.	Krieger, Eleanor Louise	Va.
Brodell, Jean Marie	Md.	Lamm, Charlotte Armide	Md.
Brown, Jeannette Alta	D.C.	Larrick, Dorothy Marcelin	D.C.
Brown, Robert Alfred	D.C.	Layne, Ruth Lee	D.C.
Bruyninck, Doris Jeanne	D.C.	Lehrman, Ivy Sarah	Pa.
Bryan, Alma Potz	Va.	Lingo, Jane Tunstall	D.C.
Callamon, Susan Eva	D.C.	Lonberger, Stanley Thomas	D.C.
Chnan, Keng E	China	Ludwig, Robert Clinton	D.C.
Clark, Jane Elizabeth	D.C.	Lukens, Helen Frances	Va.
Clay, Alta Tunstall	Ky.	Lynn, Margaret Elizabeth	Va.
Cochrane, Dorothy Helen	D.C.	(With honors)	
Court, Doris Mae	D.C.	Mason, Shirley June	D.C.
Cranford, Ralph Wilbur	Ark.	McAnear, Frank Ed	Ark.
Cugle, Elizabeth	D.C.	Meade, Arthur Edward	Va.
Cummings, James Robert	Iowa	Miller, Charlotte Nevins	Pa.
Cutting, Mabelle Frances	D.C.	(With honors)	
Darr, Hope	D.C.	Miller, Felicia Mary	D.C.
Daubanton, Charles Henri, Jr.		(With honors)	
	The Netherlands	Miller, Mary Elizabeth	D.C.
Davis, Mary Jordan	Calif.	Miller, Phyllis	D.C.
Devane, M. Raphael	D.C.	Millner, Barbara Lee	Va.
Dillon, Zietta Shriver	Md.	Moglen, Muriel Sussman	D.C.
(With honors)		Morris, Marjorie Pauline	D.C.
Doolittle, Mary Elizabeth	D.C.	Murray, Robert Warren	D.C.
Edwards, Mary Louise	D.C.	Norr, Marriner Krumm	D.C.
Englander, Florence	N.Y.	Owen, Una	D.C.
Frazer, Elizabeth Jane	Ohio	Papps, Anne Ernest	D.C.
Freseman, Virginia Custis	D.C.	Pardy, Beverly Brooks	N.Y.
Garfield, Wanita	Md.	(With honors)	
Garfield, Elwin Burris	Utah	Pollock, John Francis	W. Va.
Garrett, Marian Alice	D.C.	Posner, Irene	D.C.
Gehrke, Ruth Elizabeth	D.C.	Priesser, Dorothy Currie	D.C.
George, William C.	Ill.	Prentiss, Catherine Watkins	D.C.
Gessstein, Shirley Lillian	D.C.	Raymond, John	N.Y.
Gessford, Margery	Md.	Richter, Stephanie	Va.
Gish, Helen Pauline	Md.	Ringer, Barbara Alice	D.C.
Glover, Sarah Elizabeth	Va.	(With honors)	
Goldberg, Charlotte	D.C.	Rippley, Euphrosine Agatha	N.D.
Goldman, Freda Korth	D.C.	Rose, Elaine Marjorie	D.C.
Gordon, Francyne	D.C.	Rosenblum, Eleanor	D.C.
Guillet, Mary Harriett	Va.	Rothgeb, Edwina Yvette	D.C.
Harkness, William Dalzell			



Seabrook, Martha Rachel  
(With honors)  
Segal, Janet Miriam  
Senn, Anna Jeane  
Shaffer, Helen Louise  
Sherman, Phyllis S.  
Sherwood, Ruth Elizabeth  
Silber, Roselyn  
Sitota, Mildred Harriett  
Smith, Myrtle Agnes  
Smith, Nira Oberlene  
Snyder, Eleanor Ann  
Snyder, Gene Ann  
Spaulding, Cecil Caylor  
Spearman, Marguerite Sue  
Spewtor, Minerva Anna  
Stamm, Anna Bertha  
Staton, Vina Teresa  
Stauffer, Jane Catherine  
Steines, Esther Bertha  
Stewart, Dorothy Frances  
Swenson, Thelma Arlene

D.C. Taishoff, Miriam Lillian  
Thaler, Anna Marie  
(With honors)  
D.C. Thompson, Betty Ann  
D.C. Truman, Mary Margaret  
D.C. Ullman, Ruth Sherle  
D.C. Venezky, David Lester  
D.C. Vizcarrondo Vivas, Raul C.  
D.C. Vliet, Mary Louise  
D.C. Volz, Mary Elizabeth  
(With honors)  
N.H. Wagman, Simon  
W.Va. Wallis, Richard Fisher  
(With honors)  
Miss. Ward, Edward Francia  
D.C. Webster, Mary Earle  
Md. Wells, Elizabeth Dortha  
N.Y. White, Edith Mary  
D.C. Wilamowski, Edward Joseph  
Mo. Wilkinson, Billie Ruth  
Minn. Winston, Daoma

Va.  
D.C.  
Va.  
D.C.  
D.C.  
D.C.  
P.R.  
Va.  
Md.  
D.C.  
D.C.  
D.C.  
D.C.  
Md.  
Va.  
Pa.  
Fla.  
D.C.

## ASSOCIATE IN ARTS

SEPTEMBER 19, 1944

Andrews, Thurley Louise  
Balfour, Don Arthur  
Bates, David McGuire  
Brady, Luther Weldon, Jr.  
Brieger, Katinka Elizabeth  
Champaign, Mary Margaret  
Coran, Edward Robert  
Davis, Akin Thornwall  
de Obaldia Manuela Judith  
Donnell, Betty Jane  
Ehrlich, Bernard Herbert  
Evans, Janet Stokes  
(With distinction)  
Goodwin, Lenore Gloria  
Gray, Verna Venneberg  
Griggs, Lorraine  
(With distinction)  
Hall, Angie Maxine  
Harrison, Sarah Ann  
Holmes, Robert Denzler  
Hughes, John Francis  
Johnston, Aletha Rose  
Karpischek, Eva Antonia  
Karr, William Isidore  
King, Dorothy Belle  
Kirby, James Wardlaw  
Krause, Carol Helen  
Lancaster, Dolores Alimore

R.I. Larrick, Mary Lois  
D.C. Levin, Alex  
Va. Lock, Marion Geraldine  
N.C. Long, Margaret Jane  
Va. Mattimore, Walter Bernard  
Va. McCrahan, Betty Mae  
D.C. Nesmon, Anna  
D.C. Nelson, Bertle  
Panama Otting, William Joseph, Jr.  
Ill. Pappas, Antonia Nina  
D.C. Parker, Edith Helene  
Ohio Peterson, Robert Lenus  
Phillips, Cynthia Anne  
D.C. Ream, Donald Forest  
Wash. Ross, Ruth  
D.C. St. Omer Roy, Josephine Rhea  
Tenn. Sauber, Barbara  
D.C. Shull, Ollie  
Sickles, Lillian  
Ohio Sjolseth, Maria Elizabeth  
Md. Strupp, Hans Herman  
Iowa (With distinction)  
Ohio Watson, Bruce Parish  
Ill. Watters, Jane Elizabeth  
Md. Weilheimer, Lotte Ruth  
S.C. Winfrey, Nancy Louise  
D.C. Wood, Edwin Charles  
D.C. Woods, Russell Marshall

D.C.  
D.C.  
Va.  
Tex.  
D.C.  
D.C.  
D.C.  
Md.  
D.C.  
Tex.  
Kana.  
Md.  
Ind.  
N.J.  
Va.  
D.C.  
Miss.  
D.C.  
Minn.  
D.C.  
D.C.  
W.Va.  
D.C.  
Va.  
D.C.  
Va.

FEBRUARY 22, 1945

Alpher, Louise Ellen  
Arkin, Lorraine Shirley  
Bennison, DeLeo Smith  
Biskar, Ada  
Bristow, Joseph Quayle  
Charles, Anita Sophia  
Chudzik, John Stephan  
Chyatte, Alice  
Clark, Clara Belle  
Clayman, Betty Jean  
Constant, Marguerite Anita  
Cooper, Ruth Thelma  
Davis, Edith Mae  
Deutsch, Morris Robert  
Dickey, Joyce Jayne

D.C. Dom, Jesse Roy  
D.C. Garson, Helen Perlman  
Va. Goodwin, Kathleen Sainte Jeanne  
D.C. Groat, Helen Barbara  
Va. Grober, Doris Aline  
Md. Harrow, Lee Salem  
D.C. Honey, Rene Agatha  
D.C. Hurley, Dorothy Jane  
N.C. Hyatt, Elizabeth Louise  
D.C. Jackson, Pauline Elizabeth Rhodes  
Mass. (With distinction)  
D.C. Lamore, Estelle Roxie  
D.C. Livingstone, Earl Leslie  
N.Y. Loeber, Anita P.  
Ark. Lormer, Margaret

D.C.  
D.C.  
Md.  
D.C.  
D.C.  
D.C.  
D.C.  
Md.  
D.C.  
Pa.  
Md.  
D.C.  
Calif.  
Australia

Loye, Elizabeth Crosby	Va.	Romeo, James John	Pa.
Malkin, Leon B.	N.Y.	Selce, William Myron, Jr.	Minn.
Mallory, Robert Henry	Ky.	Scott, Loretta Eastman	Va.
McKinney, Betty Jane	Va.	(With distinction)	
Meyerson, Winifred Aileen	Md.	Shea, Wanda Harr	D.C.
Miliken, Elizabeth Crawford	D.C.	Sieglwart, Irma Charlotte	Pa.
Mission, Nancy Louise	D.C.	Snyder, Dorothy Louise	D.C.
Mullendore, Betty Jane	D.C.	Snyder, John Daniel	Pa.
(With distinction)		Thomas, Fetta Bertram	Md.
Nash, M. Eleanor	Kans.	Tobias, Marjorie Carol	Pa.
(With distinction)		Toperek, Pauline Schwartz	D.C.
Noble, Ben Paul	D.C.	(With distinction)	
(With distinction)		Van Gelderen, Bertha Elizabeth	D.C.
Ogden, Mary Anderson	D.C.	Welch, Jackson Harvey	Wash.
Perkey, Madeline Merrill	W.Va.	Wilbar, Mary Margaret	Pa.
Perros, Theodore Peter	D.C.	(With distinction)	
Petrey, Mary Elizabeth	D.C.	Williams, Margaret Lucretia	N.J.
Quible, Rennie Gulick	Md.	Wong, Wing	N.H.
Rickey, Isabelle Mary	Tex.	Yost, Charles Francis	D.C.
Ridgeway, Jesse Edward	D.C.		

## BACHELOR OF ARTS

MAY 31, 1944

Awtrey, Anne Meredith	S.C.	McMurray, Katherine Moore	S.C.
Baker, Virginia	D.C.	McReynolds, James Sloan	Ill.
(With distinction)		(With distinction)	
Beckman, Kenneth Woodrow	Minn.	Meeds, Lloyd Lindall	Va.
Benjamin, Charles Henry	D.C.	Moore, Pattie Tatum	D.C.
(With distinction)		Munson, Betty Maxine	Ind.
Biesemeier, Mary Carol	D.C.	Mushabac, Ruth Lowens	D.C.
Blevins, Mildred Louise	D.C.	Naele, Ruth Virginia	Va.
Brown, Lida Crockett	Va.	Orem, Jean Resh	Md.
Carstedt, Clifford	Minn.	Oslin, Jessma	Okla.
Chappell, Adele Hane	S.C.	(With distinction)	
Cluan, Kemp F.	China	Paine, Richard Porteous	Va.
Clay, Alta Tunstall	Ky.	Parker, Clarence Odell	Tex.
Combs, Harriet	Oreg.	Pomerantz, Frances Mary	N.Y.
Cowen, Catherine Young	Md.	Ralph, Marie-Louise	D.C.
Davis, Mary Erwin	D.C.	(With distinction)	
(With distinction)		Rubey, Susie Lee	Md.
Dee, Florence Gloria	Wash.	Russell, Myrtle Ellen	N.D.
Engner, Vivienne Margolis	Ohio	Schreiber, Hilda	Ohio
Ellmore, Winant Stubbs	Va.	Schwartz, Bella	Pa.
Fair, Blanche Charlotte	Tenn.	(With distinction)	
Feld, N. Hazel	Md.	Shanahan, Eileen Janet	Md.
Fondaburk, Emma Lila	Ala.	Siggers, Kathleen Woodward	Mch.
Frankins, Diana Scott	China	Simons, Barbara Alice	Md.
Gannon, Jeanne Lejeune	Md.	Smith, Judson Paul, Jr.	D.C.
Gelberg, Betty	N.J.	(Special honors in English)	
Gordon, Ruth Beardon	Ark.	Stein, Elna Linborg	D.C.
Gruenberg, Harold	N.Y.	Tompkins, John Ettinger	Va.
Hamburger, Margaret Stewart	D.C.	Venezky, Alice Sylvia	D.C.
Harding, Dorothy Powers	Md.	(With distinction—special honors in English)	
Hopkins, Lianne Birch	D.C.	Waggoner, Marjorie Ashley	Miss.
Jewell, Louise Delano	Md.	Weir, Nora Jane	D.C.
Jones, Virginia Walton	Va.	Williams, Sarah Jane	Ohio
(With distinction)		Wilson, Elizabeth Gilpin	D.C.
Katcher, Elsie	N.Y.	A.B. in L.S., 1941, The George Wash-	
Kemp, Dorothy Bradford	Va.	ington University	
Knighton, Betty Jane	D.C.	Winakur, Milton	D.C.
Kohn, Bernard	Md.	Wise, Matthew Montgomery	D.C.
Krkin, Elizabeth Barbour	D.C.	Wofford, Martha Johnston	D.C.
Krzens, Dorothy Jane	D.C.	Wright, Helen Duckson	Va.
Karr, Jeannette	Md.	(With distinction)	
(With distinction)			

SEPTEMBER 19, 1944

Ker, Irene Frances	Mass.	Bigge, Ercell Venus	Md.
Kerman, Seymour Lewis	N.Y.	Bogart, Ruth Irene	Calif.
Kegel, Mark Mandel	D.C.	Canter, Esther Paula	Pa.

Choisser, Marion Louise	D.C.	Kingman, Allen Frederick, Jr.	D.C.
Cooper, Joseph David	N.Y.	Lesnoff, Nell Elaine	Pa.
Coyne, John Thomas	Ill.	Marks, Pauline Galen	Md.
Davis, Cathryn Riggleman	Md.	Marmer, Nancy Jane	D.C.
Finletter, Margot Damrosch	D.C.	McAvoy, William Bernard	Maine
(Special honors in English)		Murphy, Anna Lu	D.C.
Finn, Ruth Geiger	N.Y.	Niswonger, Joseph Kingdon	Ohio
Hamblin, Barbara	D.C.	Palmer, Richard Emery	D.C.
Hamblin, Helen Lois	D.C.	Rawlings, Maurice Scaggs	Md.
Hankey, Marion M.	Minn.	Schneider, Bertram Alexander	D.C.
Hecht, Moses Bernard	N.Y.	Sislen, Maurice Arthur	D.C.
Helring, Bernard Paul Gill	Pa.	Spearman, Louise Imogene	D.C.
Henry, Jack Wilkeson, Jr.	D.C.	Spero, Abraham	N.Y.
Isaacs, Frances Evelyn	N.Y.		

## FEBRUARY 22, 1945

Alden, Jacqueline	Md.	Kitchen, Sara Jane	D.C.
(Special honors in English)		LaMacchia, Frank Richard	N.Y.
Ames, Ruth Barbara	Md.	Moglen, Muriel Sussman	N.Y.
Blumler, Marian Bissell	N.J.	(With distinction)	
Bolster, Edward Andrew	Calif.	Morris, Frances Jeannette Morrison	Va.
Davis, Frances Siegel	Va.	Nearmon, Anna	N.C.
Davis, Malcolm	D.C.	Norris, Laura May	D.C.
Davidson, Elizabeth Knotts	Md.	Sollins, Alfred Daniel	N.Y.
Englander, Florence	N.Y.	Valentine, Alberta Enderle	D.C.
Genz, Louise	D.C.	Vance, Harrell Taylor, Jr.	Ala.
Holmes, Rita Jane	W.Va.	Vincent, Theodore J.	Pa.
(With distinction)		Welch, Jackson Harvey	Wash.
Karr, William Isidore	Ill.	Wine, Sarah	Mass.
Kassalow, Sylvia Dicker	N.Y.		

## BACHELOR OF SCIENCE

## MAY 31, 1944

Briedenbach, Samuel Heavrin	Va.	Orr, Patricia	Va.
L.L.B. 1925, The George Washington University		Perkin, Donald Keith	Cole
Brown, Phyllis Rosen	R.I.	Shulman, Sidney	D.C.
Calvo Neira, Gloriola	Panama	(With distinction)	
Fitzpatrick, Hugh Michael	Pa.	Thorn, Rita Ethel	D.C.
Fulton, Leonard Alvin	Nebr.	Tutwiler, Frank Bryan	Md.
Green, Nathan	Va.	Walter, Katherine Miriam	Md.
Husten, Benjamin Franklin	R.I.	White, Donald Lloyd	D.C.

## SEPTEMBER 19, 1944

Axilrod, Gertrude Danneberg	Va.	Maclean, Marion Elizabeth	D.C.
Heindl, Raymond August	D.C.	Willer, Lee Herbert	D.C.

## FEBRUARY 22, 1945

Curtin, Charles Byron	D.C.	Segal, Stanley Marvin	D.C.
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## MASTER OF ARTS

## MAY 31, 1944

Downing, Bees	Miss.	Jaspen, Nathan	D.C.
A.B. 1941, William Jewell College		B.S. 1942, College of the City of New York	
Furbushaw, Olga Selma	Md.	Phillips, Howard Matthew	D.C.
A.B. 1940, University of Maryland		B.S. 1942, Wilson Teachers College	
		A.B. 1943, The George Washington University	

## SEPTEMBER 19, 1944

Cecchi, Vincent Victor	Maine	Greene, Morris Alexander	Australia
A.B. 1940, University of Maine		B.S. 1942, George Williams College	
Ellis, Anne Perkins	Ala.	Nerboso, Salvatore Daniel	Mass.
A.B. 1926, Goucher College		A.B. 1941, University of New Hampshire	



# Degrees Conferred

305

FEBRUARY 22, 1945

Alden, Jane McGraw  
A.B. 1941, The George Washington University  
D.C. Conrad, William Ernst  
A.B. 1943, The George Washington University Ohio

## MASTER OF SCIENCE

MAY 31, 1944

Bendigo, Bruce Bressler  
B.S. 1940, The George Washington University N.C.

FEBRUARY 22, 1945

eller, Elizabeth Beach  
B.S. 1940, University of Chicago Va. Thom, Herbert Conrad Schlueter  
B.S. in M.E. 1937, The George Washington University Minn.

## DOCTOR OF MEDICINE

SEPTEMBER 19, 1944

ams, Howard Dwight A.B. 1941, Miami University Ohio	Fink, William James A.B. 1939, DePauw University D.C.
en, Charles William A.B. 1940, Brown University D.C.	Foster, Thomas Delos A.B. 1941, University of Wisconsin Wis.
rus, Len Hughs A.B. 1941, Stanford University Calif.	Freehafer, Marian Elizabeth A.B. 1940, The George Washington University D.C.
es, Marie Frances S. 1942, University of Pittsburgh Pa.	Goldensohn, Sidney Sorrel A.B. 1942, The George Washington University N.J.
ett, William Waldo, Jr. B.S. 1942, West Virginia University Utah	Gordon, David Stewart A.B. 1941, The George Washington University D.C.
rsfeld, Samuel Richard n, Mark S. 1940, College of Idaho W.Va.	Holmes, Joel Grant, Jr. Hoover, George William, Jr. A.B. 1941, The George Washington University Pa.
n, Donald Painter B. 1942, B.S. 1943, West Virginia University D.C.	Hyde, Dean Low A.B. 1939, Fresno State College Calif.
n, Margaret Elizabeth ron, Joseph Harold in Phar. 1938, University of North Carolina N.J.	Jaeger, Henry William James, Burton Reed A.B. 1941, Fresno State College D.C.
n, John Cherrington 1941, University of Utah Mass.	Jarvis, Rodney Miller B.S. 1941, University of Washington Calif.
n, George Joseph, Jr. 1939, Clark University Wash.	Jasper, William Smith, Sr. A.B. 1941, Ohio University Ohio
n, Richard Leland th distinction) 1940, University of California Los Angeles D.C.	Johnsen, David Strand Kelley, Floyd Carl Kimble, Seruch Titus, Jr. A.B. 1942, The George Washington University Wash.
n Phar. 1937, University of Ohio D.C.	Kinder, Edward Lewis, Jr. Kirk, Donald Angus A.B. 1940, University of Utah D.C.
y Wyndon Doyle 1940, College of Idaho P.R.	Kleh, Jack Bernard A.B. 1942, The George Washington University D.C.
Schmidt, Carlos Jose 1942, The George Washington University N.J.	Kolker, Joseph A.B. 1942, The George Washington University D.C.
Evelyn Edith 1941, The George Washington University N.J.	Kolze, Vernon William B.S. 1941, Western Reserve University Pa.
William Joseph 1940, The Catholic University America Ohio	Lewin, Walter Otto, Jr. Lischutz, Seymour A.B. 1942, The George Washington University N.J.
er, Robert Kingsley 41, Ohio University Minn.	Lueth, Charles Salak B.S. 1937, University of Wisconsin Wis.
h Fred 41, University of Utah	
hn Clifford 39, University of Oregon	

MacCutcheon, James Glenzen	N.Y.	Sartwell, Mary Katherine Laurence	D.C.
A.B. 1941, University of Buffalo		A.B. 1942, The George Washington	
MacRae, Malcolm Merritt	Calif.	University	D.C.
(With distinction)		Scheuch, Charles Daniel	
Maguire, Joseph Patrick	Wash.	(With distinction)	
B.S. 1941, University of Washington		Schumacher, Jack	Nebr.
McAfee, Don B.	Utah	A.B. 1942, The George Washington	
A.B. 1941, Brigham Young University		University	Conn.
Milstead, Valgene Moore	Md.	Sherburne, John Collis	
Mott, Howard Otis	N.Y.	A.B. 1941, Miami University	Miss.
A.B. 1941, Union College		Smith, Marvin Dale	
Moulton, Barbara	D.C.	A.B. 1941, Mississippi College	Pa.
A.B. 1937, University of Chicago		Spray, Paul	
A.M. 1940, The George Washington		B.S. 1942, University of Pittsburgh	Md.
University		Sprehn, George Warren	Wis.
Mullen, James Kane	Idaho	Steffan, Lloyd John	Ind.
B.S. in Phar. 1941, University of Idaho		Velkoff, Cyril L.	
Munson, Hugh Benjamin	S.D.	A.B. 1942, The George Washington	
B.S. 1943, University of South		University	Va.
Dakota		Wallace, Keene Manning	Md.
Murphy, Christopher Joseph, Jr.	D.C.	Warthen, Robert Orr	Wis.
Palmer, Richard Emery	D.C.	Weisse, Harris Albert	Va.
Raum, Muriel Slaff	Mass.	White, John William	D.C.
A.B. 1937, Cornell University		Wilson, Thomas Ashton	
Reuter, Frederick Turner	D.C.	A.B. 1942, The George Washington	
Rixey, Charles Osborn	Miss.	University	D.C.
A.B. 1942, The George Washington		Zeller, William Webb	
University		(With distinction)	
Rose, Frank Singleton	N.Y.	A.B. 1942, The George Washington	
A.B. 1942, Syracuse University		University	

## BACHELOR OF LAWS

MAY 31, 1944

Bartimo, Frank Antonio	Mass.	McNeil, Buck Winfred	Tex.
A.B. 1941, Clark University		A.B. 1939, Texas Technological College	Va.
Blackmon, Joel D.	Ark.	Pelton, Russell Gilbert	
B.S. 1936, John Brown University		B.S. in E.E. 1935, Syracuse Uni-	
Burden, William Harold	Miss.	versity	Tex.
A.B. 1928, University of Oklahoma		Pondrom, Ruth deLyon	S.C.
Crump, Nannie-Mayes	Miss.	Price, William Baker	
A.B. 1918, Vassar College		A.B. 1938, Furman University	Okl.
Hatfield, Norma Sherrod	D.C.	Raymond, Donald Evans	
(With distinction)		A.B. 1942, University of Oklahoma	Pa.
A.B. 1940, The George Washington		Roberts, John Joseph	
University		A.B. 1939, Pennsylvania State College	N.Y.
De Ibanez, Anna Bodony	Ill.	Silver, Jonas	
A.B. 1936, The George Washington		B.S.S. 1939, College of the City of	
University		New York	Tex.
Kilgore, William Dock, Jr.	Va.	Spiller, Lou Nora	
A.B. 1941, Emory and Henry College		A.B., B.B.A. 1933, University of	
Lindel, Russell M.	Wash.	Texas	Ind.
A.B. 1938, University of Washington		Tomey, Jesse Neal	
Major, Ruth F.	D.C.	A.B. 1942, The George Washington	
McDowell, Eleanor Cornelia	N.Y.	University	
A.B. 1934, College of New Rochelle			

SEPTEMBER 19, 1944

Briscoe, Maye Howell	Ky.	Taylor, Millie Ivor	S.C.
A.B. 1929, University of Kentucky		A.B. 1932, University of South	
Gallivan, Frank Murray	Wyo.	Carolina	N.Y.
A.B. 1942, University of Wyoming		Whyte, Joseph Lawrence	
Liberman, Simon	N.Y.	B.S. 1936, New York University	

FEBRUARY 22, 1945

Bushart, Irma June	Ky.	Lefkowitz, David Irving	N.Y.
A.B. 1940, Murray State Teachers		B.S.S. 1930, College of the City of	
College		New York	
Ford, Forrest Adams	Nebr.		
B.S. 1932, University of Minnesota			

## Degrees Conferred

307

Minor, James Beryll, Jr.  
A.B. 1943, The George Washington University  
Mossburg, Eugene Hyatt  
A.B. 1936, Duke University

W.Va. Smith, Jane Dawson  
Va. A.B. in Govt. 1938, The George Washington University

Ill.

### MASTER OF LAWS

MAY 31, 1944

Harrison, Lewis Irving  
A.B. 1921, The George Washington University  
LL.B. 1924, St. Lawrence University

N.Y. Powell, George Livingstone  
A.B., LL.B. 1938, The George Washington University

Pa.

SEPTEMBER 19, 1944

Murphy, Jay W.  
A.B. 1933, University of Illinois  
J.D. 1943, The George Washington University

Ill.

### JURIS DOCTOR

MAY 31, 1944

Amplein, Madeline Kinter  
A.B. 1929, University of Chicago  
M. 1933, Columbia University  
D. 1933, Sorbonne University

Va. Ruckman, Norris Elliott  
B.S. 1935, M.S. 1936, Massachusetts Institute of Technology

Md.

SEPTEMBER 19, 1944

Waters, Philip Owens  
(With distinction)  
S. 1923, Harvard University  
al, Daniel  
B. 1945, New Jersey State Teachers College

Md. Cunningham, Harry Earl  
(With distinction)  
B.S. in C.E. 1926, California Institute of Technology

N.J. Dodson, Boltwood Edmund  
Graduate 1923, United States Military Academy

Va.

Miss.

FEBRUARY 22, 1945

Frost, George Edward  
B.S. in E.E. 1940, Illinois Institute of Technology

Ill.

### BACHELOR OF ELECTRICAL ENGINEERING

MAY 31, 1944

William Taylor  
Joseph William  
(With distinction)  
der, George Francis

D.C. Heine, Thomas Henry  
N.M. Shneiderov, Aaron James  
N.Y. Toffolo, Dominick Samuel

D.C.  
U.S.S.R.  
Mich.

FEBRUARY 22, 1945

Flarity, Warren Howard

Va.

### BACHELOR OF MECHANICAL ENGINEERING

MAY 31, 1944

Living Jay  
phael David

Md. Horne, Boyd Ellison  
D.C.

Va.

SEPTEMBER 19, 1944

Berkley, Louis Hugh  
B.E.E. 1940, College of the City of New York

N.Y.



## BACHELOR OF SCIENCE IN ENGINEERING

FEBRUARY 22, 1945

Greenman, Frank Pierce

Va. Shaw, Edgar Monroe, Jr.

D.C.

## BACHELOR OF SCIENCE IN PHARMACY

MAY 31, 1944

Bachrach, Morton Edward  
Curtice, Cooper Grayson  
Friedman, GertrudeD.C. Gass, Jane  
Va. Newhouse, Stanley Raum  
D.C. Sullivan, Fred GuntherD.C.  
D.C.  
Md.

SEPTEMBER 19, 1944

Smith, Herbert Carlton Pa.

## BACHELOR OF ARTS IN EDUCATION

MAY 31, 1944

Bardwell, Katherine Kirk  
Chevallaz, Jacqueline Marie-Leonie  
Connor, Jean  
Duvall, Mabel Belle  
Gilbert, Audrey Michaux RaineD.C. Hart, Belle Oliver  
D.C. Holloran, Margaret Anna  
D.C. Orwick, Carmen Ault  
Va. Sinsabaugh, Ruth Ann  
Va. Waldron, Alice FrancesVa.  
D.C.  
Md.  
Va.  
D.C.

SEPTEMBER 19, 1944

Andrus, Virginia Dowden  
(With distinction)  
Checchia, Rocchina  
Everly, Margaret Madonna  
Inbody, Paul Franklin  
Johnson, Jessie Margaret  
Kelly, Elizabeth GrahamVa. Ledbetter, Julia Elizabeth  
Lyon, Phyllis Anne  
D.C. McCallum, Margaret  
D.C. Mueller, Florence Ruth  
Va. Powell, Mabel  
D.C. Ronsaville, Marian  
D.C. Willis, Dawn ElizaMiss.  
Idaho  
D.C.  
S.D.  
Okla.  
Md.  
N.Y.

FEBRUARY 22, 1945

Iascone, Catherine Elena  
Knights, Alice FernD.C. Stier, Alma DeVere  
Md.

Md.

## BACHELOR OF SCIENCE IN HOME ECONOMICS

MAY 31, 1944

Maynard, Constance

N.H.

SEPTEMBER 19, 1944

Shillinger, Frances Anne

Md.

## BACHELOR OF SCIENCE IN PHYSICAL EDUCATION

MAY 31, 1944

Naiman, Lillian Lorraine  
Phillips, Seymour FredD.C. Sparks, Phyllis Jean  
III. White, Nancy AnnMd.  
Va.

SEPTEMBER 19, 1944

Thwaites, John Keith

New Zealand Yobst, Vivian Marie

D.C.

## MASTER OF ARTS IN EDUCATION

MAY 31, 1944

Anderson, Angeline Elizabeth  
A.B. 1941, The George Washington  
UniversityD.C. Berleth, Elizabeth Workman  
A.B. 1930, Rice Institute

Tel.

# Degrees Conferred

309

bs, Andrew Harris A.B. 1923, The George Washington University	D.C.	Meira, Lois Howell A.B. 1937, The George Washington University	D.C.
rtman, Margaret Virginia A.B. 1923, The George Washington University	Va.	Peterson, Forrest Harold A.B. 1936, Gustavus Adolphus College	Va.
yhield, Fay Cunningham A.B. 1938, Tulsa University	Okla.	Price, Elizabeth Sherwood A.B. 1940, Denison University	Ohio
Causland, Mary Virginia L. S.S. 1937, Wilson Teachers College	D.C.	Richey, Alice Molyneux A.B. 1943, The George Washington University	D.C.

## SEPTEMBER 19, 1944

ber, Bessie Patrick B. 1914, Indiana University	D.C.	Moloney, Amanda Gaudette Ph.B. 1928, University of Chicago	D.C.
st, Betty Inglis S. 1940, State Teachers College of Milwaukee, Wis.	Wis.	Murrow, Eugene Foster B.S. 1935, Florida Southern College	Fla.
ndershell, Josephine Ways S. 1938, Mary Washington College	Va.	Rich, William Wallace, Jr. A.B. 1941, Emory and Henry College	Va.
er, Godfrey Lawrence B. in Ed. 1933, The George Wash- ington University	S.D.	Roudybush, Franklin B.F.S. 1940, Georgetown University	D.C.
		Scott, Marian Emma A.B. 1937, The George Washington University	Md.

## FEBRUARY 22, 1945

ddue, Florence Farwell S. 1940, Wilson Teachers College	Va.	Shirley, James Dallas B.S. in Phys. Ed. 1936, The George Washington University	D.C.
vn, Leon West B. 1933, Maryville College	Va.	Spencer, Roland Browning A.B. in Ed. 1936, The George Wash- ington University	Pa.
re, Ruth Beverly B. 1942, Nebraska State Teachers College	Nebr.	Wydro, Margaret McDowell B.S. 1941, The George Washington University	D.C.
dy, Effie Bruce B. 1937, The George Washington University	D.C.		

## DOCTOR OF EDUCATION

### MAY 31, 1944

Barnard DeJean S. 1930, Oregon State College	Oreg.	Lumsden, Florence M. A.B., A.M. 1920, Cornell University Thesis: "An Investigation of the Achievement and Growth in Basic English Skills During the First Half of the Senior High School"	Md.
---	-------	--	-----

## BACHELOR OF ARTS IN GOVERNMENT

### MAY 31, 1944

er, James Leonard herty, Charles Raymond Cotton	D.C.	Schechter, Harry	N.Y.
paw, Vivianne Lucy	Minn.	Shupe, Walter Carle	Kans.
on, Ruth Edell	Va.	Siebos, Gerard Bernard	Ill.
Hayden Edward	D.C.	Van Keuren, Virginia Anne	Ohio
ell, Anna Paulette	Kans.	Vavra, Helen Mary	Minn.
berg, David Donald	Utah	Wilson, Nancy Clayton	
	N.Y.		

## SEPTEMBER 19, 1944

zra, Leon	N.Y.	Michaelson, Ruth G.	Mich.
rene Mae	Md.	Montague, Marion Mae	Va.
Glenna Hancock	Maine	Phillips, Matthew Raymond	N.J.
s, John Francis	Md.	Polin, Abraham	N.Y.
Caroline Miscally	Ga.	Sullivan, John Patrick	Ariz.
i, Stephen	Pa.		

## FEBRUARY 22, 1945

Graubard, Stephen Richards  
(With distinction)  
Kaplan, Elmer David  
MacCabe, William James  
Pelto, Roy Elmer

N.Y. Silverman, Pearl Klein  
Weiss, Irving  
Ill. L.L.B. 1939, L.L.M. 1937, St. Lawrence University  
Calif.  
Minn.

N.Y.  
N.Y.

## MASTER OF ARTS IN GOVERNMENT

## MAY 31, 1944

Baughman, George Fechtig  
B.S. in B.A. 1937, LL.B. 1939, University of Florida

Fla. Jarrett, Mary Cathyrine  
A.B. 1938, Susquehanna University

Pa.

## FEBRUARY 22, 1945

Young, Regina Marie  
B.S. in B.A. 1929, Ohio State University

Ohio

## DOCTOR OF PHILOSOPHY

## MAY 31, 1944

Beck, John, Jr.  
B.S. 1927, University of Washington  
A.M. 1932, The George Washington University  
Thesis: "Studies in Thermal Radiation"  
Kies, Marian Wood  
B.S. 1936, University of Illinois  
A.M. 1938, The George Washington University  
Thesis: "Studies on Lipoxidase"

D.C. Mahoney, Thomas Donald  
A.B. 1936, A.M. 1937, Boston College  
Thesis: "Edmund Burke and Ireland"  
Raven, Fritzof Anderson  
A.B. 1934, A.M. 1939, University of Washington  
Thesis: "The Weak Verb in Notker Labeo"  
Md.

Mass.

Wash.

## SEPTEMBER 19, 1944

Janus, Sidney  
B.S.S. 1933, College of the City of New York  
A.M. 1934, Columbia University  
Thesis: "The Prediction of Learning Ability for Certain Types of Mechanical Skill"

Ga.

## FEBRUARY 22, 1945

Oesterling, Myrna Jane  
A.B. 1939, M.S. 1941, University of Illinois  
Thesis: "The Determination of Ascorbic Acid and Dehydroascorbic Acid in Plant Tissues"

Ill.



## RECIPIENTS OF AWARDS

### SCHOLARSHIPS

1944-45

*American Foundation for Pharmaceutical Education Scholarships:* Donald Anthony Jones, Julia Beatrice Pelot  
*Byron Andrews Scholarships:* Phyllis Abrams, Doris Mae Court  
*Emma K. Carr Scholarships:* Philip Theodore Band, Nathaniel Herbert Halberstadt, Fritz Reiner Kahn, Arthur Stambler, Hans H. Strupp  
*Columbian Women Scholarships:* Barbara Joan Bissett, Jessalyne Lorraine Charles, Barbara Louise Lyddane, Martha Rachel Seabrook, Vera Jordan Veisskopf  
*Isaac Davis Scholarship:* Myrtle Agnes Smith  
*Debate Scholarships:* John James Cound, Shirley Gimbel  
*Robert Farnham Scholarship:* Dolores Alimore Lancaster  
*Elma Lewis Harvey Scholarship:* Lorna Grayson  
*High School Scholarships:*  
*Mos Kendall Scholarship:* Sidney Loubé  
*University Scholarships:* Edward Walter Bauman, Jr., Barbara Jean Best, Ella Rhea Blake, Barbara Lee Borrer, Vivian Toba Burke, Jean Otilia Casanova, Jane Elizabeth Clark, Ruth Thelma Cooper, Dorothea Van Rennselaer Cruger, Clark Davison, Maryanna Elizabeth Dotson, Dorothy Jean Eggeling, Jean Agnes Ferguson, Lorraine Griggs, Dorothy Louise Hanby, Nancy Rika Hanck, Forest Klaire Harris, Jr., Mildred Hayward, Margaret Erskine Holliman, James Edgar Huddleston, Betty June Karle, Mona Jeanne Keesling, David Rino Lenarduzzi, Ellen Lydia Liska, Lois Carolyn Lord, Margaret Elizabeth Lynn, Harden Marsden McConnell, Shirley June Mason, Felicia Mary Miller, Eric Victor Nelson, Edith Tipton Norris, Mary Alice Novinger, Mary Lee O'Neal, Clara Louise O'Neil, Mary Elizabeth Sheppard, Cecil Caylor Spaulding, Anne Laetitia Steever, Charmian Ettinger Tompkins, Ruth Louise Votaw, William Upton Walton, Faye Darleen Weisenberger, Marion Emma Woolley, Margery Ann Workman, Mary Ring Young  
*National Institute of Public Affairs Scholarships:* Marie-Louise Ralph, Joan Frances Rathvon, Mortimer Herbert Slaiman  
*Newspaper Scholarships:*  
*Evening Star:* Samuel Ulysses Bouchard  
*Washington Post:* Jane Darden Smith  
*David Spencer Scholarship:* Shirley Catherine Towey  
*John Withington Scholarship:* Mary Earle Webster  
*Ellen Woodhull Scholarship:* Myrtle Agnes Smith

### PRIZES

1943-44

*Chi Sigma Freshman Prizes in Chemistry:* Eric Victor Nelson, Peter Konysios Koutsandreas  
*Chi Sigma Senior Prize in Chemistry:* Sidney Shulman  
*Delta Pi Prize in French:* Anne Marie Thaler  
*Kappa Psi Prize in Commerce:* James Leonard Buckler

*American Institute of Chemists Prize in Chemistry:* Frank Bryan Tutwiler  
*American Society of Civil Engineers Prize:* William Stanley Machen  
*American Society of Mechanical Engineers Prizes:* Raphael David Cohn, Boyd Ellison Horne, Lyle Ernest Tarbell  
*Byrne Thurtell Burns Prize in Chemistry:* Frank Bryan Tutwiler  
*Chi Omega Prize in Social Sciences:* Jeanette Marr  
*John Henry Cowles Prizes in Government:* Walter Joseph Myskowski, Walter Carle Shupe  
*DeWitt Clinton Croissant Prize in Drama:* Alice Sylvia Venezky  
*E. K. Cutter Prize in English:* Alice Sylvia Venezky  
*Harry Cassell Davis Prizes in Public Speaking:*  
     First—Leila Marian Spanier  
     Second—Fred Mervin Martin  
     Third—Marie-Louise Ralph  
*William Thornwall Davis Prize in Ophthalmology:* Henry William Jaeger  
*Delta Zeta Prize in Botany:* Edith Louise Williams  
*Ellsworth Prize in Patent Law:* Richard Louis Voit  
*Joshua Evans III Memorial Prize in Social and Political Sciences:* Donald Lyons  
     Gloss  
*Willie E. Fitch Prize in Chemistry:* Sidney Shulman  
*Alice Douglas Goddard Prize in American Literature:* Frances Mary Pomerantz  
*Edward Garrington Goddard Prize in French:* Mary Erwin Davis  
*James Douglas Goddard Prize in Pharmacy:* George Stanley Thomas  
*Morgan Richardson Goddard Prize in Commerce:* Walter Carle Shupe  
*Kappa Kappa Gamma Prize in Botany:* Dorothy Jean Eggeling  
*John Bell Larner Prize in Law:* Richard Louis Voit  
*Mortar Board Prize in Sophomore Scholarship and Activities:* Margaret Elizabeth Lynn  
*John Ordronaux Prize in Medicine:* Allan Bertram Coleman  
*Phi Eta Sigma Prize for Freshman Scholarship:* Eric Victor Nelson  
*Phi Sigma Sigma Prize in Zoology:* Jeanne Marie Schenck  
*Phi Sigma Sigma Nileen Cooper Prize in Psychology:* Constance Lavinia Conklin  
*Pi Beta Phi Prize in Activities:* Betty Maxine Munson  
*Pi Lambda Theta Prize for the Most Meritorious Master's Thesis in Education:* Andrew Harris Gibbs  
*Sigma Kappa Prize in Chemistry:* Francesco Marco Bianco  
*Sigma Tau Prize in Engineering:* Peter Briggs Myers  
*James MacBride Sterrett, Jr., Prize in Physics:* Richard Fisher Wallis  
*Theta Tau Prize in Engineering:* William Stanley Machen  
*Alexander Wilbourne Weddell Peace Prize:* Martin Kriesberg

## STUDENT ASSISTANTS

1944-45

*Botany:* Doris Mae Court, Ziette Shriver Dillon, James A. Fowler, A.B., M.S., Eleanor Louise Krieger, June Reynolds, A.M., Arthur William Rindlisbacher, Natalie Roberts, Jane Roller, A.B., M.S., Ruth Ellen Smith, Harold Edward Wingo, Ruth Elva Wright  
*Business Administration:* Alphonse Michael Andrulonis, James Leonard Buckler, A.B., James Frederick O'Connell  
*Chemistry:* Harry Robert Billica, B.S., June Rae Cohen, Ruth T. Cooper, Michael Joseph Curry, B.S., Harold Dubin, Elizabeth Jeanne Holman, Peter Roy Isreal, Marjorie Lynn, Shirley June Mason, Harden Marsden McConnell, Norman

Edward Sharpless, B.S., Cecil Caylor Spaulding, Ruth Louise Votaw, Richard Fisher Wallis  
*Civil Engineering*: Otho Ernest Michaelis  
*Economics*: Joseph Bernard Epstein, A.B., Kenneth Archibald Kenyon, A.B., Florence Guild Nixon, Arthur Stambler  
*Electrical Engineering*: George Thomas Conrad, Jr.  
*English*: Natalie Roberts  
*History*: Mona Jeanne Keesling, Jane Tunstall Lingo, Anna Bertha Stamm  
*Library*: Henrietta Bloch, Mary Margaret Champlain, Marion Choisser, James E. Fitzsimmons, Robert Gaberman, Nancy Ida Giglio, Howard Bernard Gottlieb, Martha Frances Haynes, Priscilla Josephine Makela, Winifred Aileen Meyerson, Mary Elizabeth Miller, Helen Nassif, A.B., Dolores Hazel Osborn, Anne Una Ringwalt, Shirley Louise Rodgers, Mary Elizabeth Sheppard, Mary Waynette Thackaberry, Alma-Jean Tolan, Katherine Gene Wilkins  
*Pharmacy*: Ralph Wilbur Cranford, Stanley William Levin  
*Physics*: David Woodhull Appel, Stuart Campbell Beatson, Betty Jane Crim  
*Political Science*: Jane Elizabeth Clark, Pauline Rhodes Jackson, Mary Earle Webster  
*Psychology*: Irene Frances Alter, Marcia Lenore Bartlett, Elinor Kline Bers, Helen Frances Lukens, Mary Fortis Mosier, Anne Ernest Papps, Cynthia Ann Williams, Florence Elizabeth Williams  
*Speech*: William F. E. Long, Fred Mervin Martin  
*Statistics*: Otto Joseph Dekom  
*Sociology*: Avonne Allen, Suzanne Williamson Brown, Ethel Helen Dolnick, Thomas Patrick Fogarty, Helen Rose Higginson, Irene Posner, Mildred Louise Priest, A.B., Mera Munn Riddell, Lotte Ruth Weilheimer, Rosalie Ann Whyte, Lee Herbert Willer



# STUDENTS REGISTERED

1944-45

FALL, WINTER, AND SUMMER TERMS

A		
Abbe, Janet Louise	D.C.	Albers, Patricia Marie Hannell
Abbey, Edda	D.C.	Albert, Alfred Lobe
Abbott, Robert Sutton	Va.	Albert, Bernette
Abbott, Sue	D.C.	Albert, Bernice Marie
Abendschein, Mary Jane	Va.	Albert, Irvin R.
Abercrombie, Jefferson Hyde, Jr.	D.C.	A.B. 1936, The George Washington University
Abernathy, Virginia Louise	D.C.	Albertson, Shirley Carter
Aboy, Irma	D.C.	Alden, Charles William
Abraham, Hommey L.	D.C.	A.B. 1941, Brown University
Abrams, G. Doris	D.C.	Alden, Jacqueline
Abrams, George	N.Y.	Alden, Jane McGraw
Abrams, Lillian Gladys	N.Y.	A.B. 1941, The George Washington University
Abrams, Phyllis	P.R.	Alden, Priscilla
Abramson, Margaret	D.C.	Aldridge, Eugene Talbert, Jr.
Acheson, Annie Alice	Va.	Alegria, Claribel
Ackerhall, Sadie	D.C.	Alexander, Andrew William
Ackerman, Altus Juanette	D.C.	Alexander, Edith Sue
Ackerman, Joseph Laurence	D.C.	Alexander, Edna
Ackley, Lester Willis	Del.	Alexander, Edward Greenwood
Accon, Nicholas Paul	N.J.	Alexander, Elizabeth Forsythe
Adams, Ann Louise	N.Y.	A.B. 1941, Bryn Mawr College
Adams, Ara	Tex.	B.S. 1942, University of Missouri
Adams, Clifford Harvey	D.C.	Alexander, Mary Katherine
Adams, Gay	N.Y.	A.B., University of Missouri
Adams, George Cyrus	N.M.	Alexander, Thelma Mary
Adams, Gwen	Va.	Alexandre, Maurice
Adams, Howard Dwight	D.C.	LL.B. 1938, New York University
Adams, Josephine M.	D.C.	Alger, Fontella May
Adams, M. Eleanor	N.Y.	Alheidt, Elizabeth Catherine
Adams, Margaret Eugene	D.C.	Allegr, Theodore Henry
Adams, Mary Catherine	D.C.	Alleman, Herbert Charles
Adams, Mary Jean	Md.	Allen, Avonne
Adams, Samuel Webster	D.C.	Allen, Barbara Mearle
Adams, Sara Ann	D.C.	Allen, Delbert Miles
Addington, Harold E.	D.C.	Allen, Dwight L.
B.S. 1939, Kansas University	Kans.	B.S. 1939, Texas Christian University
A.M. 1942, Syracuse University		Allen, Elnora Elizabeth
Aderhold, LaMarr Harold	Va.	Allen, Francis Franklin
Adkins, Constance R.	Va.	Allen, Grace
Adkins, Elijah Dale, Jr.	Md.	Allen, Jeanne
Aebli, Helen	Miss.	Allen, Jerome Lawson
Affelder, Enid Maude	Mo.	Allen, Julius Willfried
Aglaismoff, Wacrolod	D.C.	B.S. 1937, Iowa State College
Agle, Katherine Emily	Va.	Allen, Katharine Elizabeth
Ahalt, Arthur M.	Md.	Allen, Marjorie Lee
Aho, Elsie Louise	Colo.	A.B. 1937, Middlebury College
Aiken, Winthrop Marshall	D.C.	Allen, Marie Macquarrie
Ainsley, Helen M.	Md.	LL.B. 1938, Washington College of Law
Ainsworth, Margaret Anne	D.C.	Allen, Myrna Winonah
Aizpurwa, Nestor	Panama	Allen, Vincon Ernest
Aker, Zupevir	D.C.	Allen, Virginia Christine
Akerman, Carl Erick	D.C.	Allen, William Attix
Akins, Lillian Maude	Mich.	B.S. in C.E. 1938, Montana State
Akman, Frank Phillip	Va.	Allender, Bird Jacquette
Alai, Heshmat	D.C.	Allex, Victor
A.B. 1938, Colorado University		A.B. 1939, The George Washington University
Alamillo, Herlinda	Md.	Allison, Gladys Wesley
Alamillo, Luis	Md.	A.B. 1937, Concordia College
Alban, Emil John, Jr.	Conn.	

Illison, Marjorie LaVerne	Tenn.	Andrews, Harry Joseph	D.C.
Illison, Sara Lillian	D.C.	Andrews, Jeanne Dorothy	Md.
Immond, Mildred Elaine	Va.	Andrews, Thurley Louise	R.I.
Ipert, Alice	R.I.	Andrich, Dan John	Minn.
Ipher, Louise Ellen	Md.	Andrulenis, Alphonse Michael	Mass.
Ipher, Ralph Asher	Md.	Andrus, Virginia Dowden	Va.
B.S. 1943, The George Washington University		A.B. 1944, The George Washington University	
Ishaugh, Jack R.	Mo.	Andrus, Len Hughes	Calif.
Ishdorf, Jeanne Elizabeth	N.Y.	Angel, Grover LaMarr	Md.
Istaffer, Beatie Virginia	Kans.	A.B. 1939, High Point College	
A.B. 1936, University of Kansas		Angelo, Georgia V. C.	Mo.
Irbach, Samuel David	Conn.	Angelo, Patricia Wilson	Va.
Iremus, Nancy Faye	D.C.	Annaloro, Arline J.	Mass.
Ister, Irene Frances	D.C.	Anthonsen, Evelyn Marie	D.C.
Ister, Leah Doris	Md.	Anthony, Melvin Julius	Ill.
Isterman, Seymour Lewis	N.Y.	LL.B. 1942, Columbus University	
Ithouse, Charles Franklin	Ill.	Anton, Wanda Marie	Ariz.
B.S. in E.E. 1942, Indiana Technical College		Antrim, Marguerite Gertrude	Nebr.
Itonare, Robert Eugene	Md.	Antwara, Alexander	D.C.
Iord, Marian	D.C.	Apgar, Herbert LeRoy	D.C.
Iobrose, Audrey	D.C.	Appel, David Woodhull	D.C.
Ioa, Ruth Barbara	D.C.	Appel, Rose W.	D.C.
Ioroso, William Louis	D.C.	Appelbaum, Zona Lee	D.C.
Iouri, Leslie	D.C.	Appleby, Mary Jane	Va.
Irine, Helen Mary	D.C.	A.B. 1941, Piedmont College	
S.C. 1944, University of Iowa		Applegate, Shirley Elizabeth	N.J.
Iundsen, Anna Christine	D.C.	Applesstein, David	D.C.
B. 1948, The College of the Ozarks		Appleyard, Thomas Jefferson III	D.C.
Istos Theodore	Mass.	Appold, Kenneth Reichard	D.C.
B. 1942, Harvard University		Aptaker, Cecelia	Pa.
Ieregg, Jane Crosset	Va.	Aramayo, Augusto	D.C.
Iersen, Martha Julio	Va.	Aramayo, Ida Marie	D.C.
Iersen, Myrtle Marie	S.D.	Araujo, Ignaz Barreto Correia	D.C.
Iersen, Rosa Gibbons	Va.	Archer, Benjamin Lester	Fla.
Ierson, Alton DeWitt, Jr.	D.C.	Arena, John	D.C.
B.S. 1943, The George Washington University		Arias, Roberto Antonio	Md.
Ierson, Ann Wentworth	D.C.	Arikawa, Helen Nakako	D.C.
Ierson, Arlene Ruthven	Iowa	Arketook, Marina	D.C.
Ierson, Bertil Carl	D.C.	Arkin, Lorraine Shirley	D.C.
Ierson, Bonnie G.	Nebr.	Arkin, Rudolph	D.C.
Ierson, Cecil Thomas	D.C.	Arkoian, Garabad	D.C.
Ierson, Charles Fridolph	D.C.	Armor, Althea Howell	Calif.
Ierson, Clifton A.	Pa.	Armstrong, Nedra Madine	D.C.
B.S. in E.E. 1932, A.B. 1933, University of South Dakota		Armstrong, Woodrow Jennings	Va.
Ierson, Donald Hood	Va.	Arnason, Kristi	Wash.
B. 1944, Birmingham Southern College		B.S. 1944, University of Washington	
Ierson, Elsie DeNoyer	Va.	Arnold, Agnes Nelson	D.C.
B. 1936, University of Wisconsin		A.B. 1920, A.M. 1934, The George Washington University	
Ierson, Emma Ware	Va.	Arnold, Lyle J.	Calif.
Ierson, Gilbert LeRoy	Iowa	B.S. 1942, University of Missouri	
Ierson, Howard Lambert	N.Y.	Arnold, McAlpin Hill	Ga.
Ierson, Iva Victoria	Nebr.	Arnold, Muriel	D.C.
B. 1940, State Teachers College		Arrick, Alma Arlene	Ohio
Ierson, Nellie Carr	D.C.	Asarch, Idy	Iowa
B. 1943, The George Washington University		Asch, Genevieve Iris	N.D.
Ierson, Nilo, Jr.	N.J.	Aschenbach, Theodora Theresa	D.C.
B. 1937, Williams College		Asconia, Gustavo	D.C.
Ierson, Nora Agnes	Fla.	Ash, Willard Osborne	Md.
Ierson, Robert	Mass.	A.B. 1937, St. John's College	
Ierson, Russel John	D.C.	A.M. 1941, University of Maryland	
Ierson, Ruth Beryl	Mass.	Ashburn, Delphia	D.C.
Ierson, Wayne Russell	Nebr.	Ashby, Betty Fern Eschliman	Ohio
Ierson, Vernon Sylvester	D.C.	A.B. 1941, Oberlin College	
Ien, Norman Peter	Calif.	Ashby, Betty Roy	D.C.
B. 1943, Stanford University		Ashby, Robert Samuel	Ind.
Iwa, Anna Vaughan	Mass.	A.B. 1938, Indiana University	
		LL.B. 1941, Harvard University	
		Ashby, Virginia Menefee	D.C.
		Ashcom, James Denny	D.C.
		A.B. 1936, Grove City College	
		Ask, Armistice Margaret	N.J.

Adlan, Henrietta	N.Y.	Baker, David	Ill.
Asowitch, Sarah Gertrude	D.C.	B.S. Arch. 1938, Illinois Technical College	
Atera, Helen Virginia	D.C.	M.S. Arch. 1942, Harvard University	Md.
Atherholt, Marianne	Va.	Baker, Frances Meade	W.Va.
Atherton, Emmy Lou	N.Y.	Baker, Glenna Lucille	D.C.
Atherton, Eva		Baker, Gloria Jeannette	Wis.
B.S. 1937, New York State College for Teachers		Baker, Margaret Cushing	
Atkins, Martha Ruth	D.C.	A.B. 1940, University of Wisconsin	Ill.
Atlas, Martin	N.Y.	Baker, Marilyn Jeanne	Kans.
A.B. 1934, New York University		Baker, Mary Jane	Neb.
A.M. 1935, Columbia University		Baker, Ruth Arleen	Md.
Aube, Grace	D.C.	Baker, S. Harry	
A.B. 1945, Brooklyn College	D.C.	A.B., B.Dip. in Ed. 1924, A.M. 1926, The George Washington University	D.C.
August, Frank Joseph		Baker, Sara	
B.S. in P.E. 1943, The George Washington University	Iowa	A.B. 1943, University of Oklahoma	D.C.
Augustine, Dorothy S.	Wis.	Baker, Stewart Lee, Jr.	
Auman, Katherine Fairfield		B.S. 1942, University of Maryland	N.Y.
Ausen, Vernon LeRoy	Va.	Bakerman, Howard Arthur	
A.B. 1940, University of Wisconsin	Ky.	B.S. 1940, College of the City of New York	D.C.
Auslander, Florence	Md.	Balaguer, Macbeth Young	Tenn.
Austin, Jane Elouise	Md.	Baleom, Margaret MacDonell	
Austin, Roland M.	D.C.	A.B. 1940, The George Washington University	Mass.
Averall, Virginia	D.C.	Balcom, Raymond Douglas	
Avery, Marjorie Sara	D.C.	A.B. 1940, Clark University	D.C.
Avery, William Jasper	Mass.	M.B.A. 1942, University of Michigan	
Awalt, Gilbert Haslup	Va.	Baldi, Fiorenza Henrietta	Pa.
Awramik, Joseph, Jr.	Md.	Baldrick, Olga A.	D.C.
Axlrod Gertrude D.	Ill.	Baldrige, Elizabeth Logan	D.C.
Azman, Robert	Va.	Baldwin, Earl Randolph	Md.
Ayers, June Elizabeth	D.C.	Baldwin, John Lucas	
Ayers, Margery Joanne	Pa.	A.B. 1926, Dehance College	D.C.
Ayre, Agnes		Baldwin, Margaret Lois	Md.
Ayres, Marie Frances	D.C.	Baldwin, Sally Worth	Pa.
B.S. 1942, University of Pittsburgh		Baldwin, Yvonne Mae	
Aziz, Mohammed Ayoub		A.B. 1943, Wilson College	D.C.
B			
Baber, Mary Josephine	Tex.	Balfour, Don Arthur	D.C.
Babin, Robert Sidney	D.C.	Bail, Charles Emmett, Jr.	D.C.
Babinchak, Mary Agnes	D.C.	Bail, Edwin Francis	D.C.
Bachanan, Thomas Joseph	Va.	Bail, Lavenia Frances	Ohio
B.S. in E.E. 1940, University of Oklahoma		Ballantine, Adele	
Bachman, Frederick Charles	Pa.	A.B. 1944, Oberlin College	D.C.
Bachmann, Mildred Edna	D.C.	Ballard, Arthur Joseph	
Bachrach, Florence Sylvia	D.C.	A.B. 1933, A.M. 1938, West Virginia University	Wash.
Bacilova, Rema N.	D.C.	Ballard, Edwin Robert	D.C.
Backman, Herbert		A.B. 1943, Whitman College	
B.S. 1948, New York University	Md.	Ballinger, Edwin Ray	D.C.
Bacon, James Everett, Jr.	Va.	A.B. 1943, Maryville College	D.C.
Bacon, John Clifford	D.C.	Ballinger, John Carter	Tex.
Bacon, Lorraine Graham	D.C.	Ballon, Armando Chacama	Va.
Baer, Max F.		Ballow, M. Frances	Va.
LL.B. 1937, Creighton University		Balmer, Harry Arnold	N.Y.
A.M. 1942, Columbia University	Ark.	Baltas, Lucia George	D.C.
Baxby, Garlick Hugh	Md.	Bambrick, Dorothy May	D.C.
Bagby, Mary Lawton	Md.	Band, Philip Theodore	D.C.
Bailey, Norma June	La.	Band, Raymond Isaac	D.C.
Bailey, Ollie Perry	D.C.	Banegas, Heman	Va.
Bailey, Richard Lake	N.C.	Range, Agnes Ward	Va.
Bailey, Sally	Ohio	Banigan, Elisabeth Clara	D.C.
Baillie, Mary Ann Stuart		Banister, William Claire	
B.S. 1942, M.S. 1944, Columbia University		Banken, Willie Newberry	
Baines, Dorothy	D.C.	B.S. 1940, Murray State Teachers College	D.C.
Baird, Robert Evanston	Wash.	Banks, Mary Adrian	
Baisinger, Grace Chepolis	D.C.	A.B. 1939, American University	D.C.
Bajpai, Kayatyani Shankar	D.C.	Banks, Troy Lee	Va.
Baker, Alfred Louis	N.Y.	*Banner, Chrystine Hill	
Baker, Daniel Duane	D.C.		

\* Deceased



Stanton, Patricia June	Va.	Barry, Adrienne Lillian	Va.
Starranson, Stanly	D.C.	Barry, Catherine May	Va.
Starauck, Alfred Howard	D.C.	Barry, Clarence James	N.Y.
A.B. 1941, Montclair State Teachers College		Barry, William Francis	D.C.
Starauck, Carole Eunice	D.C.	Barsigian, Flora Marie	D.C.
Starbee, Ruth Stone	Va.	Barsky, Sylvia Sarah	D.C.
Starbee, William Clifford	Va.	Barss, Theodore Parker	Md.
A.B. 1939, The George Washington University		Barth, William George	Va.
Starber, Martin Stewart	Oreg.	Barthelemy, Marie Therese Annette	R.I.
A.B. 1943, Willamette University		Bartimo, Vincent Joseph	D.C.
Starclay, Dorothy Lawrence	D.C.	Bartlett, John Stanton, Jr.	D.C.
Starclay, Rachel Elizabeth	Mass.	Bartlett, Juanita	Va.
Starlin, Janie Marie	Tex.	Bartlett, Marcia Lenore	D.C.
Starra, Mauricio Juan	Panama	Bartlett, Pearl Mildred	N.H.
B.S. 1940, Collegio de La Salle		Barton, Mary Winfield	Canada
Starzofsky, Fannie Rose	D.C.	Barton, Victor Ewing	Va.
Starcker, Charles Paul	N.Y.	Basham, Frances Alma	Va.
A.B. 1940, University of Michigan		Bashore, Eugene Herman	Ohio
Starcker, Charles Ralph, Jr.	D.C.	Baskin, Ruth Esther	D.C.
B.S. 1943, University of Maryland		A.B. 1943, University of Pennsylvania	N.Y.
Starkey, Lorene M.	Nebr.	Basseches, Harold	
Starkey, Mabel A.	D.C.	B.S. 1943, College of the City of New York	
B.S. 1925, A.M. 1927, George Peabody College for Teachers		Basta, John William	Va.
Starlos, Margaret Louise	Ohio	B.S. 1934, Mansfield State Teachers College	
Starms, Howard Webb	Ohio	Bastek, Mary Adele	Conn.
A.B. 1944, Muskingum College		Batchelder, Jane Olin	Minn.
Starma, Alma Anne	N.Y.	A.B. 1944, University of Minnesota	
Starward, Paul Leslie, Jr.	Ark.	Bateman, Earl Clayton	W.Va.
Starves, Ada	D.C.	A.B. in Ed. 1942, Shepherd State Teachers College	
A.B. 1916, Middlebury College		Bateman, Joseph Robert III	D.C.
Starves, Berry Carter, Jr.	D.C.	Bates, Charles William	Tex.
Starves, Beverly Elizabeth	D.C.	A.B. 1941, Southern Methodist University	
Starves, Edyth Geneva	Md.	Bates, David McGuire	Va.
Starves, Frances L.	Mich.	Bates, Mildred Twomey	D.C.
Starves, James Alva	Tenn.	Batham, John Charlton, Jr.	Md.
Starves, Lloyd A., Jr.	D.C.	Bathory, Joseph Patrick	D.C.
Starves, Paulina	Md.	Batista, Celia Santiago	D.C.
Starves, Ruth Amanda	Ill.	Batista, Gustavo	P.R.
A.M. 1938, Illinois Wesleyan University		Batkin, Josephine	N.Y.
Starves, William Arthur	Md.	Batsch, Margaret Merry	Ohio
Starrett, Abby Joy	N.Y.	Batthis, Mary B.	Va.
Starrett, Auswell Creed	D.C.	Bauer, Catherine Regina	D.C.
A.S. 1943, East Texas State Teachers College		Bauer, Ruth Hedy	D.C.
Starrett, Clara H.	D.C.	Bauernschmidt, Sarah Elizabeth	Md.
A.S. in Ed. 1932, Ohio State University		Bauersfeld, Samuel Richard	Md.
Starrett, Emma Catherine		Baum, Mark	Idaho
Starrett, Hayward Rolland	D.C.	B.S. 1940, College of Idaho	
Starrett, Lois Lucille	Mo.	Bauman, Edward Walter, Jr.	Md.
Starrey, Ann	Md.	Bauman, Mildred Lucille	Mont.
Starth, Arthur Gooding	D.C.	Baumann, Betty Jane	Ohio
Starth, C. Paul	D.C.	Baumann, Ruth Spink	Va.
B. 1930, Lebanon Valley	Md.	Baur, Janet Barbara	Conn.
A.M. 1942, University of Maryland		Bauserman, James Edward	Va.
Starudi, Emma Adele	N.Y.	B.S. 1936, Madison College	
Starther, Ann Franklin	Calif.	Baxter, Andrew Holman, Jr.	Va.
Starther, Thelma Patricia	Va.	B.F.A. 1929, University of Pennsylvania	
Starth, Thomas Ney	D.C.	Baxter, Mary Jane	D.C.
Starth, Thomas Joseph	Pa.	Bayba, Anna Mary	D.C.
Starth, William Waldo	Utah	Baylies, Helen Cummings	D.C.
Starckman, Ray Ellsworth	Ark.	Beach, Josephine Alexander	D.C.
B. 1934, West Virginia University		Beacham, Joy Katherine	D.C.
A.B. 1938, University of Arkansas		Beahm, Alice Mae	D.C.
Starnger, Shirley Elaine	D.C.	Beames, Phyllis Joann	D.C.
Starnton, Phyllis Elizabeth	D.C.	Bean, Harold Richard	D.C.
Starnton, Wiley Lee	Va.	A.B. 1943, American University	
Starw, Elizabeth Anne	Md.	Beane, Margaret Elizabeth	D.C.
Starw, Sarah Jane	Md.	Bear, Richard Warfield	D.C.
		Beard, Lucie Meade	Va.

Beard, Margaret	Va.	Belote, Ernest Cassell, Jr.	D.C.
A.B. 1944, Wellesley College		Belt, Avis Rebecca	Md.
Beard, Vernon Miller	D.C.	Belt, Dorothy Mae	D.C.
Bearden, Hatchel Ebb	Va.	Belton, Robert Reid	Oreg.
Beasley, Lois Louise	D.C.	Belt, Sarah Lee	Md.
Beasley, Margaret Elise	Ala.	Beltzova, Klavdiya Nikolaevna	D.C.
A.B. 1940, University of Alabama		Bender, Louise Martha	D.C.
Beatson, Stuart Campbell	Va.	Bender, Norman O., Jr.	Va.
Beattie, Joan Taylor	Va.	Benedetto, Lusitania Theresa	Del.
Beatty, Alta Mae	D.C.	Beneteanu, Roger Joseph	D.C.
Beaumont, Patricia Curtin	Va.	B.S. 1941, Cusset University (France)	N.Y.
A.B. 1942, Barnard College		Ben Ezra, Leon	
Beck, Hugo Michael	Ill.	A.B. 1944, The George Washington	
Beck, Jane DeRieux	D.C.	University	Va.
Beck, Norma Lola	Nebr.	Benham, M. Christina	Va.
Beck, Raymond Leo	Ohio	A.B. 1932, Butler University	D.C.
A.B. 1937, Marietta College		Benimato, Betty Jane	Iowa
Beck, Robert C.	Ariz.	Benjamin, Betty Ruth	Mass.
Beck, Walter Charles	Va.	Benn, Ida Irene	Kans.
Becke, Betty Jane	D.C.	Bennet, Beverly Alfredda	D.C.
Becke, Edward Garland	D.C.	Bennett, Amee L.	D.C.
Becker, Florence Pearl	Kans.	Bennett, Bernard M.	N.C.
Becker, Helen Marie	D.C.	Bennett, Bertha Leonia	Va.
Becker, Joseph	D.C.	Bennett, Clara Elaine	
Becker, Lorene Blanche	Kans.	Bennett, Daniel Arthur	
Becker, Louise	D.C.	M.E. 1929, Stevens Institute of	
Beckwith, Marion Casey	Md.	Technology	
Beckwith, Clarence Edwin	Md.	LL.B. 1934, J.S.D. 1936, St. Lawr-	
Bedell, Mary Lawrence	Md.	ence University	N.Y.
Bedsworth, Margaret Crosswell		Bennett, Elizabeth S.	Mass.
B.S. 1942, University of Maryland		Bennett, Martin S.	D.C.
Bee, Max Culbertson	Va.	Bennett, Robert Henry, Jr.	D.C.
A.B. 1931, Park College		Bennion, Harden Clark	Va.
Becher, Mary Tyler	Md.	Bennison, DeLeo Smith	Md.
Beedy, Carroll Lynwood	D.C.	Bennitt, Leo Cogart	D.C.
A.B. 1903, LL.D. 1933, Bates Col-		Benson, Dick Robert	Mass.
lege		Benson, Jessie Evelyn	
LL.B. 1906, Yale University	N.Y.	A.B. 1944, Wellesley College	D.C.
Been, Jerome L.		Benson, Ruth Lois	N.C.
B.Chem.Eng. 1940, College of the		Benton, Doris Louise	D.C.
City of New York		Bentz, Virginia Haynes	D.C.
Beese, Edward Thomas	Oreg.	Benveniste, Birdie Grace	D.C.
Behrend, Ann	Tex.	Benwell, Florence Rose	D.C.
Behrend, Frances Louise	Tex.	Bercovich, Gertrude	Md.
Behrens, Alfredo Dodollo	D.C.	Bercovitz, Charlotte Saunders	N.J.
Behrens, Jane Yocco	Va.	Berdahl, Edgar Oliver	Md.
Behnn, Joseph Andrew	D.C.	Berdan, Katherine Max	
Beibl, Martha Catherine	Mo.	Bereston, Irma Adele	
A.B. 1933, Drury College		A.B. 1940, Goucher College	Minn.
Bein, Margaret Jane	Colo.	Berg, Alvina Marie	N.Y.
A.B. 1943, University of Colorado		Berg, Florence Robert	N.Y.
Belcher, Cecil Floyd	Va.	Berg, Joseph	N.Y.
Belfrage, Winifred M.	Iowa	Berg, Julius Donald	D.C.
A.B. 1940, State University of Iowa		Benger, Fay	Nebr.
Bell, Bessie Kate	D.C.	Benger, Kieth Vernon	Pa.
Bell, Eleanor G.	Md.	Benger, Rhoda	Md.
Bell, Ernest Lorne III	N.H.	Benger, Robert Frederic	
Bell, Harry Moffett, Jr.	Va.	B.S. in M.E. 1933, Ohio Northern	
B.S. 1916, Washington and Jeffer-		University	N.Y.
son College		Benger, Suzanne Harding	D.C.
Bell, Jean Alice	D.C.	Berenson, Kenneth Louis	Turkey
Bell, John Murphy	Okla.	Berkel, Auni	D.C.
B.S. 1944, University of Oklahoma		Berkowich, Mark	N.Y.
Bell, Katherine	Brazil	Berkowitz, Abe	N.Y.
Bell, Lenore Ruth	D.C.	Berkowitz, Arnold A.	
Bell, Orpah Scott	D.C.	A.B., LL.B. 1941, New York Uni-	
A.B. 1935, University of Kentucky		versity	N.Y.
Bell, Pauline Thomas	D.C.	Berman, Albert Herbert	
B.S. 1936, Wilson Teachers College		B.S.S. 1935, College of the City of	D.C.
Bellm, Charles N.	Tex.	New York	
E.M. 1934, Colorado School of Mines		Berman, Gertrude Sylvia	
Bellmoff, Marian Virginia	D.C.	Berman, Gloria Sylvia	
Bellore, Mary Jane	Ohio	Berman, Irene Phyllis	

Bernatewicz, Laura Jane B.S. 1942, Wayne University	Md.	Bialek, Laura Brown B.B.A. 1941, College of the City of New York	N.Y.
Bernay, Anna Nelson A.B. 1928, Carnegie Institute of Technology	N.Y.	Bianco, Francesco Marco	Va.
Berner, Leon Peter	N.Y.	Bibolet, Roland Henry A.B. 1942, University of Arizona	Ariz.
Bernhardt, Laura Anita	N.Y.	Bichoff, Shirley Lillian	Mich.
Bernson, Manuel	Ill.	Biddle, Margaret L. B.S. 1942, M.S. 1943, Indiana State Teachers College	D.C.
Bernstein, Alvin Emil	D.C.	Biegel, Mark M.	D.C.
Bernstein, Bernard B.S. 1942, The George Washington University	N.Y.	Biegins, Glen P.	Minn.
Bernstein, Harold B.S. 1934, Brooklyn College	N.Y.	Bienna, Walter John	Md.
Bernstein, Marianne Elizabeth A.B. 1938, Columbia University	N.Y.	Bier, William B.S. 1939, Brooklyn College LL.B. 1944, The George Washington University	N.Y.
Bernstein, Sylvia Pollack A.B. 1940, Hunter College	N.Y.	Bierly, Robert Foust A.B. 1943, University of Maryland	Md.
Berry, Alice Justine A.B. 1943, Smith College	Calif.	Bierman, Daniel Jacob	D.C.
Berry, Guy Neill B.S. 1942, Northwestern University	Mo.	Biers, Charlene Jane	Ohio
Berry, James Frederick A.B. 1941, Washington and Lee University	Va.	Biers, Chester Donald B.S. 1943, Mount Union College	Ohio
Berry, James Harrod	Ark.	Bigbee, Jane E. Moore A.B. 1941, Central State Teachers College	Md.
Berry, Mary Chapman	Ohio	Bigelow, May Thorpe A.B. 1919, Vassar College	D.C.
Berry, Robert Hahn	D.C.	LL.B. 1924, The George Washington University	
Bers, Elinor	D.C.	Bigge, Erceel Venus	D.C.
Braak, Seymour B.B.A. 1944, College of the City of New York	N.J.	Bigham, Thelma Loraine	D.C.
Bresch, Barbara B.S. 1941, Radcliffe College	N.Y.	Bilbao, Maria Juana	D.C.
Bret, Stephen Joseph A.B. 1943, Duke University	N.Y.	Bildman, Beverly Elaine	D.C.
Bretzman, Patrick Edgar	D.C.	Bilanski, Chester Frank	Ill.
Broman, Bernice Betty	Md.	Billings, Victor Dunn	Va.
Brown, Agnes	Ohio	Binger, Mary Jane A.B. 1931, Florida State College for Women	Va.
Brown, Charles G.	D.C.	Bingham, Maurice Wolaw	Wash.
Brown, Martha M.	Pa.	Binion, Florence O.	Tex.
Brown, Mildred Margaret	D.C.	Binish, Stanley Edward B.S. 1929, LL.B. 1936, University of Wisconsin	D.C.
Brown, Joseph James B.S. 1938, Mansfield State Teachers College	Pa.	Binns, Dorothy White A.B. 1936, Randolph-Macon Woman's College	Va.
Brown, Lillian A.B. 1929, Hunter College	N.Y.	Biondi, Merle Kern	D.C.
Brown, Jacob	D.C.	Bird, Eugenia Louise	D.C.
Brown, Auriel	D.C.	Birdsell, John Edmund	D.C.
Brown, Cleo Michelsen B.S. 1943, The George Washington University	D.C.	Birkrem, Alf Bachrud D.D.S. 1932, Northwestern University	Mass.
Brown, Marie Helene	D.C.	Birt, Gladys Elizabeth	Pa.
Brown, Barbara Jean	Va.	Bisbee, Donald Mayo	Iowa
Brown, Ronald Harvey S. 1931, Eastern State Normal School	D.C.	Bischoff, Alice Elizabeth	Mass.
Brown, Brinley Llewellyn	D.C.	Bischoff, William Dixon	Fla.
Brown, Esther Jonkman	Mich.	Bishop, Evelyn Christine	D.C.
Brown, Mabel Frances B.S. 1943, Florida State College for Women	D.C.	Bishop, George Edward	Mass.
Brown, Dan Winifred	D.C.	Bishton, Robert Arthur A.B. 1944, University of Maryland	Md.
Brown, William Deatry	Md.	Biskar, Ada	D.C.
Brown, Karl William	D.C.	Bismo, Julius Ph.B. 1934, Creighton University	D.C.
Brown, in E.E. 1929, Alabama Poly- technic Institute	Va.	Bisplinghoff, Ruth Doberty B.S. 1941, University of Cincinnati	Ohio
Brown, Mary Ellen	D.C.	Bissell, Alice Marie	N.C.
Brown, Martha Adeline B.S. 1943, Michigan State Normal College	Mich.	Bissell, Marian	N.J.
		Bissett, Barbara Joan	D.C.
		Bitter, Marie Alberta	Iowa
		Bittker, Marjorie Mae	Mich.
		Bjorklund, Otto Edward	Minn.
		Bjorkman, Evelyn Josephine A.B. 1935, Wheaton College	Mass.



Black, Emilie Ann B.S. 1942, The George Washington University	D.C.	Blount, Viola Moore A.B. 1942, Bryn Mawr College	Mass.
Black, Helen Jean	D.C.	Bluestone, Frances	D.C.
Black, Millard Alan, Jr.	D.C.	Blum, Joseph	Va.
Black, Thelma Lucille	Ohio	B.S. 1940, College of the City of New York	D.C.
B.S. in Ed. 1936, Miami University	S.C.	Blum, Lester M.	D.C.
Black, Vivian Inez	D.C.	B.E.E. 1938, College of the City of New York	Conn.
Blackwell, Ruth Elizabeth	Va.	Blume, Jean Helen	N.C.
Blackwell, Wilna Clendenin	D.C.	A.B. 1943, University of Vermont	D.C.
Blackwood, Mary Douglas	Idaho	Blume, Lillie Adelaide	W.Va.
A.B. 1943, Washington College	N.J.	Blurton, Clarence Harry, Jr.	Kans.
Blaine, John Robert	N.Y.	Bly, Robert Tuthill	Wis.
Blair, Charles Ray	N.Y.	Boatman, Olive Louise	Mass.
B.S. in Ed., Ed.B. 1938, Washington State College	N.Y.	Bobroff, David Lawrence	N.Y.
Blair, Edwin	N.Y.	B.S. 1939, University of Wisconsin	S.C.
A.B. 1943, The George Washington University	N.Y.	Bobskill, Marguerite Hammond	D.C.
Blair, Marion Ethelyn	N.Y.	Bochberg, Arthur	D.C.
A.B. 1941, College of William and Mary	Va.	Bochette, Mable Elodia	D.C.
Blair, Shirley Anne	D.C.	Bodankin, Evelyn	D.C.
Blake, Bonnie Beth	Colo.	Bodkins, Arthur Irving	Va.
Blake, Ella Rhea	D.C.	Boeckh, Ethel Ward	Calif.
Blake, Geraldine A.	D.C.	B.S.P.S. Music 1930, University of Cincinnati	D.C.
Blake, Mary Patricia	D.C.	Bogart, Ruth Irene	D.C.
Blake, Miriam Alice	Idaho	Boggan, Lucille Brantley	D.C.
Blakely, Elizabeth Josephine	Va.	B.S. 1942, Wilson Teachers College	D.C.
Blalock, Olive Odom	Mass.	Bogge, Gail Everett	D.C.
A.B. 1937, American University	Mass.	Bogosian, Mary Ann	D.C.
Blanchard, Cyrus Lloyd	D.C.	Bohannon, Sara	Minn.
A.B. 1943, Clark University	D.C.	Bohline, Rodney Steele	England
Blanchard, Elizabeth B.	D.C.	Bohn, Monique Francoise	Md.
A.B. 1916, The George Washington University	D.C.	Bohrer, Charles Arnold	D.C.
Blanchard, Jean Elizabeth	D.C.	Boin, Jerome King	Fla.
Bland, Juliet	D.C.	Boire, Harold Arthur	Wis.
B.S. 1937, The George Washington University	Ky.	LL.B. 1940, John B. Stetson University	Wis.
Blandford, Harry Edward	Va.	Boisclair, Thomas George	D.C.
Blandford, Marcus Hewitt	Pa.	A.B. 1943, University of Wisconsin	Va.
Blank, Paul Barnhart	D.C.	Bojokles, Despina	Tex.
Blanken, Marilyn Louise	Ill.	Boland, Thelma Lee	D.C.
Blankenship, Kenneth Floyd	D.C.	Boles, Josephine Alyne	D.C.
Blanks, Martha Lee	Miss.	A.B. 1934, Texas Technological College	D.C.
Blanton, Ellen F.	Va.	Bolian, Dorothy Pauline	D.C.
Blasangame, Paul Arthur	D.C.	Bollard, Isabelle M.	Iowa
Blaser, Dora	Va.	B.S. 1933, University of Tennessee	Calif.
Blatcher, Barbara Anne	D.C.	Bollie, Lenore Mae	Ky.
Blaze, Margie Roberta	N.Y.	Bolster, Edward A.	Ill.
Blecher, Rose	D.C.	Bolt, Rae Jeanne	Pa.
Bleuer, Lillian Louise	D.C.	Boman, Howard Francis	Md.
Blickensderfer, Ella Mansfield	D.C.	A.B. 1938, University of Illinois	Va.
Blifford, Irving Harold, Jr.	D.C.	Bombara, Theresa Marie	Mich.
Blizzard, Ethel Jane	S.C.	Bond, Ewart Gladstone	Nev.
A.B. 1941, University of South Carolina	D.C.	Bonder, Ruth Sybil	Md.
Bloch, Henrietta	D.C.	Bonnall, Elwyn Thomas	Ill.
Bloch, Mary B.	D.C.	A.B. 1942, Michigan State College	D.C.
Bloch, Arthur Norman	D.C.	Bonner, Marie Anne	D.C.
Blodgett, William Winthrop, Jr.	Va.	Bonnerville, Lorraine D.	D.C.
Bloedorn, Helen May	Md.	B.S. 1925, University of Wisconsin	N.Y.
Blois, Marsden Scott, Jr.	Calif.	Bonthron, Robert John	D.C.
B.S. 1941, United States Naval Academy	D.C.	B.S. 1944, Illinois Institute of Technology	D.C.
Blomquist, Gertrude Dagmar	N.Y.	Bonwit, Elaine Joseph	D.C.
Bloom, Philip	N.Y.	Bonwit, Kenneth Stanley	D.C.
B.S. 1936, College of the City of New York	Pa.	Bonwit, Stuart Eliot	N.Y.
Blough, Glennoirre Ethel	Miss.	Boochever, Louis Charles, Jr.	Ky.
Blount, Jasper Monroe, Jr.	Miss.	A.B. 1941, Cornell University	D.C.
B.S. 1941, University of Mississippi		Booher, Rosemary Taylor	Va.
		A.B. 1938, University of Kentucky	
		Boote, Howard Sherry	
		B.S. 1935, University of Maryland	
		Booth, Kathryn Marie	

# Students Registered

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Booth, Mary Virginia Kyle	Va.	Boyd, Eleanor Jean	Wis.
Booth, William Samuel, Jr.	Ohio	Boyd, Frances Porter	D.C.
B.F.E., 1943, Ohio State University		Boyd, Robert J.	Md.
Borchers, Ruth Emma	Va.	Boyd, William D.	D.C.
Borchers, Verda Henry	Va.	A.B., 1943, The George Washington	
Bordelon, LeRoy Joseph	La.	University	
Borden, Frank Spaulding	D.C.	Boyer, Myron Hugh	Calif.
Borelli, Jack	D.C.	B.S., 1936, University of California	
Boreman, Dorothy Louise	D.C.	Boylan, Mary Agnes	Minn.
Boring, Sebastian Bon, Jr.	Ohio	A.B., 1949, University of Minnesota	
Born, Frederick William	D.C.	Boyle, Anthony Francis	N.Y.
Borow, Lenora Edith	D.C.	Boyle, Betty Jean	Wis.
Borkin, Joseph	N.Y.	Boyle, Marguerite Frances	D.C.
B.S., 1933, A.M., 1937, New York		Boyle, Peter Joseph	Minn.
University		Boyle, Robert William	Md.
Borror, Barbara Lee	Va.	Boyleston, Elizabeth Carolyn	S.C.
Borthwick, Howard Hall	Md.	Bozof, Harry	Tenn.
Borthwick, Ruth	D.C.	LL.B., 1941, Columbus University	
Bosely, Hazel Lee	W.Va.	Braa, Lillian Marie	Minn.
A.B., 1936, Bowling Green College of		Brace, Margaret Spence	Tex.
Commerce		A.B., 1932, The George Washington	
A.M., 1942, New York University		University	
Bosaver, Barbara Jean	Mass.	Brackmann, Arvin August	D.C.
Bosse, Tatiana	D.C.	Bradford, Christine Bannerman	Va.
Bosinger, Irene Mary	Ind.	Bradford, Gordon Burbank	Md.
Boston, William Theodore	Md.	Bradham, Wanda Allred	S.C.
A.B., 1930, Washington College		Bradley, Harriet Fisher	Va.
Bostwick, Dudley Chase	Md.	Bradley, Louis Elnor	D.C.
A.B., 1937, Amherst College		Bradley, Susan Caroline	Va.
Botel, Marcia	Md.	Bradski, Morton	D.C.
Bott, Norman Russell	Kans.	A.B., 1943, New York University	
Bottelson, Helen Patricia	D.C.	Brady, Luther Weldon, Jr.	D.C.
Bottomley, Helen Mae	Mass.	Brady, Theresa Emily	Ala.
Bouchard, Patricia	Calif.	Brady, Toni Ziff	D.C.
A.B., 1943, Stanford University		Braka, Fred William	Mich.
Bouchard, Samuel Ulysses	D.C.	Bragaw, Margaret Jane	Md.
Bouchard, Yvette Grace	Maine	Bragg, Irving Lee	Md.
Bouchette, Edward Motte, Jr.	D.C.	Bragg, Louise Williams	Va.
Bouis, Charles Elliott	Mich.	Bramin, David Neumark	D.C.
Bulin, Max Remy	D.C.	Brakeall, Virginia June	W.Va.
Bulware, Sarah Ellsworth	Ky.	Bratley, Miriam Bruce	Va.
A.B., 1933, Bowling Green College		Branagan, John Riley	D.C.
of Commerce		Branch, Esther Adelene	N.M.
Bunous, Jenny Alice	D.C.	Brandenburg, Florence Elaine	Nebr.
Bushman, Nancy G.	Va.	Brandon, Gladys Darrell	Minn.
Butiene, Francois Firmin	D.C.	Brandt, Gloria Lee	D.C.
Buton, Kathleen Jefferson	Va.	Brandt, Jean	D.C.
Bvdon, Frank Allen, Jr.	D.C.	Branson, Margaret Elizabeth	Va.
Bven, Carter M.	Md.	Brant, Robert Elgin	N.Y.
A.B., 1941, The George Washington		Braslow, Sylvia Anna	Nebr.
University		Bratt, Bryce Wendell	Md.
Bven, David	Va.	Brawner, David Montgomery	Md.
Bven, Lois Green	Md.	Brazill, Kathryn Mary	
B., 1935, American University	Ark.	A.M., 1939, Columbia University	
Bers, Evelyn Carr	W.Va.	Breakiron, Betty Jane	D.C.
Bers, Faye Jean	Va.	B.S., 1943, Maryland State Teachers	
Bers, Helen Rae	N.J.	College	
Bers, John Lewis	D.C.	Breckenridge, Betty Lee	Ky.
Bers, Mary Elisabeth	N.C.	Breene, Marie Veronica	Pa.
Bers, Richard Simpson	D.C.	A.B., 1941, Oberlin College	
B., Cleo Agatha	N.C.	Brehme, Phyllis Packer	D.C.
B., 1925, Winthrop College		Breiter, Mark Clinton	N.Y.
B., David Irving	D.C.	A.B., 1942, Columbia University	
B., John Andrew, Jr.	N.Y.	Breitung, Amelia	N.D.
Bey, Mary Anderson	D.C.	Breland, Ora Lee	Miss.
Bing, Beulah Lyon	D.C.	B.S., 1939, Mississippi State Teachers	
Bing, Doris Ione	D.C.	College	
Bian, Geneva Neft	D.C.	Brengle, Jean	Md.
A.B., 1941, Wilson Teachers College	Ohio	A.B., 1944, Knox College	
Bian, Helen Louise	D.C.	Brennan, John Wright	D.C.
B., 1930, University of Detroit	Va.	A.B., 1943, Catholic University of	
Bian, Jolene Marie		America	
Bian, Virginia Mae		Brennan, Mary Barbara	Conn.

Brennan, Mary Louise	Pa.	Bromer, Louis	N.Y.
Brenneman, Ralph Augustus	Va.	Bromson, Marie A.	D.C.
Brentlinger, John Weeks	Va.	Bronstein, Sara	N.Y.
Breslow, Louise	N.Y.	Broodo, Helen	Tex.
Brettell, Audrey Jane	Ohio	Brook, Elizabeth Carothers	Ill.
Brewer, Dorothy Mason	Md.	A.B. 1941, Knox College	Ohio
Brewer, Farrar Adlai	Ark.	Brooke, Alvin Wayne	
Brewer, Vivian Lucille	S.D.	B.S. 1935, Case School of Applied Science	Iowa
Brewington, Charles D.	N.C.	Brookhart, Smith Wildman	
Ph.G. 1920, Southern College of Pharmacy		A.B. 1929, LL.B. 1931, The George Washington University	Ga.
Brewster, Carmaleta	Va.	Brookins, Myra Aleen	Wyo.
Brewster, Janet B.	D.C.	Brooks, Betty Adele	D.C.
Brieger, Katinka Elizabeth	Va.	Brooks, Carol	D.C.
Briggs, Christine Armita	D.C.	Brooks, Mary Elizabeth	
Bright, Margaret Bowers	Md.	A.B. 1943, University of Maryland	Va.
Brill, Elouise Jean	Mo.	Brooks, N. Margaret	
Brill, Walter Ernest	D.C.	A.B. 1940, The George Washington University	N.J.
Brimley, Ralph F. W.	N.C.	Brosche, Martin Ferdinand	
B.S. 1928, North Carolina State College		B.S. in E.E. 1933, Cooper Union	Pa.
A.M. 1940, University of North Carolina		Broskey, Genevieve	Va.
Brinckmann, Loyola Margurite	Minn.	Brougher, John Frederick	
A.B. 1943, College of St. Catherine		A.B. 1926, A.M. 1929, Columbia University	Va.
Brinks, Charles Wesley	D.C.	Brower, Frances Peyton	D.C.
Brissoe, Maye Howell	Ky.	Brown, Agnes Marie	Md.
A.B. 1929, University of Kentucky		Brown, Alue Jean	D.C.
Brish, William Murray	Md.	Brown, Anne Brand	Ark.
A.B. 1928, Franklin and Marshall College		Brown, Anne Simpson	Va.
A.M. 1932, Columbia University		Brown, Arlen Florence	
Brisker, Nathan	D.C.	B.S. in Ed. 1933, Kent State University	Md.
Briskin, Mollie Marlene	Mich.	Brown, Barbara Marion	W.Va.
Briskin, Genevieve Joan	N.Y.	Brown, Donald Painter	
A.B. 1930, Manhattanville College		A.B. 1942, B.S. 1943, West Virginia University	Md.
Brister, Lois Elaine	Va.	Brown, Elizabeth Patterson	
Bristol, Ethel Cleo	Colo.	B.S.E. 1933, University of Arizona	D.C.
Bristow, Joseph Quayle	Va.	Brown, Ella Marie	D.C.
Britt, James Robert	Md.	Brown, Elsie Moo	D.C.
B.S. 1919, Wake Forest College		Brown, George Sherbourne	N.C.
Britt, John Francis Xavier	N.Y.	Brown, Glenn Crowell	D.C.
A.B. 1942, The George Washington University		Brown, Gordon Francis	Utah
Britt, Ruth Hartoe	D.C.	Brown, Grant Aurelius	
Britt, Thomas Martin	Va.	B.S. 1920, University of Utah	
Britton, Glynn Artnie	Mo.	LL.B. 1942, Harvard University	Md.
Britton, Helen Harriet	Nebr.	Brown, Irene Mae	
B.E. in Mus. 1942, University of Nebraska		A.B. 1944, The George Washington University	Ky.
Broadus, Betty May	Md.	Brown, James Edsel	D.C.
Broadus, Florence Farwell	Va.	Brown, Jeannette Alta	D.C.
B.S. 1941, Wilson Teachers College		Brown, Jean McKay	D.C.
Broados, Anna Lucille	D.C.	Brown, Kathleen	D.C.
Broadway, Mary Louise	S.C.	Brown, Kenneth Ray	Colo.
Broche, Elliott Lewis	D.C.	Brown, Laurence Ray	Va.
Brochu, August Ovide	R.I.	Brown, Lawrence Edmund	Va.
Brock, Howard Thomas	D.C.	Brown, Leon West	
B.S. 1943, The George Washington University		A.B. 1933, Maryville State Teachers College	D.C.
Brock, Josephine	D.C.	Brown, Lois May	D.C.
Brockbank, Wallace Reed	Utah	Brown, M. Jewel	
Brockbank, Wells Evans	Utah	B.S. in Ed. 1941, University of Georgia	Ky.
Brodell, Jean Marie	D.C.	Brown, Martyns Elizabeth	D.C.
Broderick, John Kenneth	D.C.	Brown, Margaret Mary	Okla.
Broderick, Katherine E.	R.I.	Brown, Maude D.	S.C.
Brodie, Barbara	D.C.	Brown, McTeer	Va.
A.B. 1940, McGill University		Brown, Melvin Manuel	
Brodie, Nina Fay	Va.	A.B. 1941, Missouri University	Va.
Brody, Annett	D.C.	Brown, Merrill Reynolds	D.C.
Broman, Lois Virginia	Minn.	Brown, Mildred Irene	
Brombacher, Nancy Jean	Md.		
A.B. 1944, Marietta College			



Students Registered

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Brown, Olive Louise	N.H.	Burden, William Harold	Mo.
Brown, Paul Ambrose	D.C.	A.B. 1928, Oklahoma University	
Brown, Phillip Edward	Md.	LL.B. 1944, The George Washington University	
Brown, Richard Harland	N.Y.	Burdette, Betty Irwin	Ga.
A.B. 1942, Columbia University		Burgess, Eileen Elizabeth	D.C.
Brown, Suzanne Williamson	D.C.	Burgess, Hazel E.	Mich.
Brown, Virginia Geraldine	D.C.	A.B. 1942, University of Michigan	
Brownholtz, William Walter	Pa.	Burgess, Margaret McKenzie	D.C.
Browning, John Barnett	N.J.	Burgess, Suzanne	Mass.
B.S. 1943, University of Alabama		Burgus, Tillie Josephine	Md.
Browning, Joseph Willmont, Jr.	N.J.	Burhans, Barbara Carroll	Va.
A.B. 1940, University of Alabama		Burk, Marguerite C.	Kans.
Browning, Mary Patricia	Md.	A.B. 1937, A.M. 1938, University of Kansas	
Browning, Willa Marie	Md.	Burk, Paul William, Jr.	D.C.
Brownlee, Harrison James	N.Y.	Burke, Bernice Lillian	D.C.
A.B. 1942, Houghton College		Burke, John Edward	Va.
Brownless, Vera Teresa	D.C.	B.S. 1934, Indiana University	
B.S. 1936, London University		Burke, Joseph Russell	Ga.
Brownrigg, William III	D.C.	B.S. 1942, University of Georgia	
Broy, Anne Norton	Va.	Burke, Margaret Elizabeth	N.J.
Brucken, Eileen F.	Ohio	Burke, Virginia Treadway	Va.
Brudelle, Catherine Genevieve	Minn.	Burke, Vivian Toba	Md.
Brugger, Elinor Anne	D.C.	Burkett, Virginia Louise	Miss.
Brugger, Vernon Walter	S.D.	A.B. 1943, Milligan College	
B.S. in Ed. 1936, University of South Dakota		Burkhardt, Anna Jane	D.C.
Brummer, Eleanora	N.Y.	A.B. 1937, William Jewell College	
Bruns, Carlyn Dorothy	Wis.	Burkholder, Allen Wesley	Va.
Brinson, Martha Evelyn	Tex.	Burkholder, Mathilda W.	Va.
Brush, Elizabeth Jane	D.C.	Burneston, Edna Byrom	D.C.
Bruyere, Paul Tulane	Md.	Burnett, Dorothy Jean	Ind.
A.B. 1930, Princeton University		Burnette, Norene Frances	D.C.
M.D. 1934, Chicago University		Burns, Constance Albrecht	Va.
M.P.H. 1943, Yale University		A.B. 1931, Mount Holyoke College	
Brυνnick, Doris Jeanne	D.C.	A.M. 1932, Bryn Mawr College	
Byan, Sarah Catherine	D.C.	Burns, Edwin Chapin	N.C.
Byant, Beatrice Marie	Va.	Burns, James Patrick, Jr.	D.C.
Byte, William Paul	Pa.	Burns, Mella Reba	W.Va.
Bychanan, James Paul, Jr.	Va.	Burns, Robert Lee	D.C.
B.S. and M.S. in E.E. 1923, University of Texas		Burns, Velma Irene	Okla.
Bychanan, Thomas Ryland	Md.	A.B. 1935, Oklahoma College for Women	
Byck, Betty Hargrove	Ala.	Burns, William Logan	Ind.
Byck, Harold Dodd	Ga.	Burnside, Gloria Irene	D.C.
Bycklew, Dorothy Marie	Ark.	B.S. 1944, Mary Washington College	
Byckler, Arthur Stanley	N.J.	Burris, Frances Russell	D.C.
Byckler, George Herbert	D.C.	Bursley, Barbara Benedict	Va.
Byckler, James Leonard	D.C.	Burson, Freda Florence	Fla.
A.B. 1944, The George Washington University		Burstein, Harold Nathaniel	N.Y.
Byckley, Frederick Oliver	Mass.	B.S. 1934, College of the City of New York	
Byckley, Jane Edna	Conn.	Burton, Bonnie	D.C.
Byckley, Marion	D.C.	Burton, Lockwood Duquesne	D.C.
Byckner, Thelma M.	D.C.	Busby, Andrew Lytleton	Miss.
Byckoff, Marjorie Lillian	D.C.	A.B. 1942, Mississippi College	
Byckowski, Stephanie Stella	Pa.	Buscher, Lucille Estelle	Md.
Byck, Miner Willard, Jr.	D.C.	Buser, Carolyn Lydia	D.C.
Byck, Lannes Orodioth	D.C.	B.S. 1937, M.S. 1941, Washington University	
Byck, Barbara Jean	Fla.	Bush, Carl Leroy	Md.
Byckin, Natalie	D.C.	Bush, Gertrude Lang	Pa.
Byckier, Nina Mae	Va.	B Ed. 1940, Duquesne University	
Byck, Alma Mae	Va.	Bush, Jeremiah Estell	Va.
Byck, Joyce Harriet	N.Y.	Bush, Marian Louise	D.C.
Byck, Ingrid Aileen	Va.	Bushart, June	Ky.
Byck, Frances New	Md.	A.B. 1940, Murray State Teachers College	
Byckus, Theodore	D.C.	Bushnell, David	N.J.
Byck, Joseph John	Pa.	A.B. 1943, Harvard University	
Byck, Wilbert Henry	Md.	Bussard, Richard Heyser	Va.
Byck, Milbire Curry	Calif.	B.E. 1929, Johns Hopkins University	
Byck, Evelyn Claire	N.J.	Bussey, George Prentice	Ala.

Buszek, Francis Wencel B.S. 1940, University of California	D.C.	Calvert, Gordon Lee A.B. 1943, The George Washington University	D.C.
Butcher, Marilynn Alice	Minn.	Calvert, Mary Mackugia	D.C.
Butterbaugh, Charles	D.C.	Cameron, Archie Enos	D.C.
Butler, Annie Miller	Ga.	Cameron, Irene Anna	D.C.
Butler, Josephine Louise A.B. 1937, University of North Carolina		Cameron, Joseph Harold B.S. in Phar. 1938, University of North Carolina	N.J.
Butler, Rosemary Katharine	D.C.	Cameron, Stuart Elliott	Va. Conn.
Butterfield, Margaret Crissey	Md.	Cammisa, Guido Frank B.S. 1943, The George Washington University	
Buttles, Bruce A.B. 1930, University of California M.S. 1936, Columbia University	Pa.	Camp, Dorothy Ann	D.C.
Buxbaum, Phyllis Lou	D.C.	Camp, Robert Clifford	D.C.
Busser, Evelyn Ruth	Ohio	Camp, B.S. in E.E. 1939, Purdue University	Mo.
Buxton, Edward Nelson	Va.	Campbell, Charles Elmer	Md.
Byars, Helen Marie	D.C.	Campbell, Charles John	Va.
B.S. 1938, The George Washington University		Campbell, Charlotte Catherine	Va.
Byrnes, Hope Alice	Md.	Campbell, Elaine Ethel	Mass.
C		Campbell, Evelyn Priscilla A.B. 1944, University of New Mexico	D.C.
Cabell, Charles Archer A.B. 1922, Mississippi College	D.C.	Campbell, Ione	
Cadigan, Agnes Barbara	Mass.	A.B. 1931, University of Arkansas	Calif.
Caffee, Franklin Brockway B.S. 1939, University of California at Berkeley	Calif.	Campbell, Janet Parth	Va.
Cagle, Langley C.	S.C.	Campbell, Jean Stuart	Ark.
Cahoon, Lillian Adelaide	D.C.	Campbell, Mary Frances	D.C.
Cain, Betty Jane	Ark.	Campbell, Patricia Margaret	D.C.
Cain, Leighton Aubrey	N.C.	Campbell, Ruth Burch	Ore.
Cairns, Edna Marie B.S. 1940, New Jersey State Teachers College	N.J.	Campbell, Sylvia A.B. 1943, Reed College	Calif.
Cajigas, Tomas Robert	D.C.	Campfield, Doris Rosemary	D.C.
Cajolet, Madelyn Delia	Mass.	Campos, Roberto de Oliveira	N.Y.
Calbeck, Margaret Anne	D.C.	Candage, Byron Whitefield B.S. in C.E. 1941, University of Maine	Maine
Calcote, Pauline Morocco	Okla.	Cannon, John Andrew	D.C.
Calder, Edwin Harold A.B. 1930, University of Utah	Utah	Canter, Marian	Tex.
Calder, Sydney	Utah	Canter, Mary Blanca	Pa.
Caldwell, Johnie Merrel	Tex.	Canter, Paula	D.C.
Caldwell, Mabel Wood A.B. 1928, Wittenberg College	Va.	Cantrell, Ethelyn Frances	D.C.
Caldwell, Shirley LaVon	Mich.	Capet, Harriet Dolores	D.C.
Calhoun, Edward Joseph A.B. 1937, The George Washington University	D.C.	Caplan, Dorothy Hulda	D.C.
Callahan, Joyce Darleen	Colo.	Caplan, Jacob	D.C.
Callahan, Mary Jane	Ohio	Caplan, Leon Sandler	P.C.
Callahan, Patricia Ann	Ohio	Caples, Barbara Joseph	D.C.
Callahan, Thomas Francis, Jr.	D.C.	Capoferri, Cleto Dolores	D.C.
Callan, Margaret Elizabeth A.B. 1941, The George Washington University	D.C.	Capon, Charles Orval	D.C.
Callanan, Paul Edward B.S. 1939, Cornell University	N.Y.	Capps, Mabel Beatrice	Ten.
Callander, Ann Deeley	Md.	Capps, Nouella Horton	D.C.
Callebout, Frank	Va.	Carasso, George Alexander A.B. 1926, Brooklyn College	N.Y.
Callomon, Susan Eva	D.C.	Carden, Mary Lou	Ten.
Callow, John Henry	D.C.	Carden, Mary Stuart A.B. 1935, The George Washington University	D.C.
Calloway, Patricia Ann	D.C.	Cardoso, Ivan Espirito Santo	D.C.
Calman, Claris Elizabeth LL.B. 1942, University of North Dakota	D.C.	Cardyell, Cora Lee	Ar.
Calnan, Mary Elinor	Mass.	Carlie, Louis Clare, Jr. A.B. 1942, Dartmouth College	Va.
Calomeris, William Basil	D.C.	Carico, Agnes Boyer B.S. 1935, Radford Teachers College	Miss.
Calvert, Carolyn Anne	D.C.	Carlisle, Barbara Ann	D.C.
Calvert, Charles Alexander	Va.	Carlsen, Rigmor Olsen A.B. 1925, J.D. 1927, University of California	Miss.
Calvert, Fern Vale	D.C.	Carlson, Anna Jean	
		Carlson, David Jenningston	
		Carlson, Mary Alida	
		Carlson, Ruth Edith A.B. 1934, The George Washington University	

tedt, Clifford			
B. 1944, The George Washington University	Minn.	Castleman, Betty	D.C.
trand, Ruth Lord		Castro, Benjamin Ricardo	D.C.
B. 1935, University of Maryland	Md.	Castro, Tomasita	D.C.
en, John Cherrington		Cataldo, Thomas Robert	Mass.
B. 1941, University of Utah	Utah	Cathcart, Frances Lois	Nebr.
Michael, Leah K.		Catlin, Gerald Harman	D.C.
B. 1938, University of Washington	Wash.	Caton, Helene Vinson	W.Va.
ody, Catherine Cross		A.B. 1935, Marshall College	
y, Ethel Lamb	D.C.	Caton, Lucille	Mass.
B. 1930, The George Washington University	D.C.	Caton, Vernon V.	Pa.
A. 1935, Columbia University		Caul, Katherine McCallum	D.C.
s, Raymond Eugene		B.S. 1942, The George Washington University	
hers, Norma Bohnen	Md.	Caulfield, Annabelle	Miss.
, Melicent Madeliene	Va.	A.B. 1931, Mississippi State College for Women	
Sylvia Layne	Md.	A.M. 1938, George Peabody College for Teachers	
ter, Alta Buana	Md.	Caulfield, Samuel Joseph	N.Y.
I. 1930, Marshall College	W.Va.	Cerra-Quinones, Jose	P.R.
ter, 1941, Duke University		B.S. 1942, University of Puerto Rico	
ter, Carmen Carolyn	D.C.	Cespedes, Francisco S.	D.C.
ter, Elizabeth Barkman	D.C.	B.S. 1934, A.M. 1935, Columbia University	
ter, Gladys Rosemary	Fla.	Chacos, Maria G.	D.C.
ter, Marie Long	D.C.	Chadwell, Paul Anthony	D.C.
ter, Ruth Elizabeth	D.C.	B.S. 1936, University of London	
Betty Kathryn	D.C.	Chaffin, Irma Elizabeth O'Neal	Miss.
Frank Edward, Jr.	D.C.	Chaiken, Bernard	D.C.
arold N.	D.C.	B.S. 1940, College of the City of New York	
1943, Texas Agricultural and Mechanical College		Chakera, Pauline	D.C.
Mary Grace	Mass.	Chalmers, Philip Owen	D.C.
quillo, Ana	P.R.	B.S. 1933, Harvard University	
o, Maria M.	D.C.	Chamberlain, Guy Caldwell, Jr.	D.C.
in Ed. 1920, University of Puerto Rico		Chambus, Francis W.	Md.
Thelma J.	D.C.	Champeau, Fay M.	Wis.
George Joseph	Mass.	Champion, Henry Byron	Tex.
1939, Clark University		B.B.A. 1948, University of Texas	
Marilyn	D.C.	Champlain, Mary Margaret	Va.
Elizabeth Ann	Va.	Champlin, Ellis Earl	Md.
1941, Mary Washington College		A.B. 1942, University of Nebraska	
Helen	Ga.	Chanaka, Margaret Andrea	D.C.
John Paul	D.C.	Chang, Augusta Tai-hao	D.C.
1943, The George Washington University		Chang, Fa-Shun	D.C.
Mabel Arnell	Tenn.	Chang, Fu Chen	D.C.
Mila Evangeline	Va.	Chao, Yun Chang	D.C.
Sydney	N.Y.	Chap, Gertrude Estelle	D.C.
ch. 1942, Syracuse University		Chapin, Virginia	N.J.
William Walton	Tex.	Chapman, Dorothy	Tex.
1943, Carnegie Institute of Technology		Chapman, John Darrington	Miss.
Joan	D.C.	Chapman, Laura Ward	Ala.
Mary Ellen	Okla.	Chapman, Robert Lee	Ill.
nda, Silow Joseph	D.C.	Chappell, Elizabeth McGaw	D.C.
a, Jean Ottilia	D.C.	Charles, Anita Sophia	Md.
an, Mary Louise	D.C.	Charles, Arbelia Mae	Va.
Ernest Raymond, Jr.	D.C.	B.S. in Ed. 1944, Mary Washington College	
1943, University of Wyoming	Wyo.	Charles, Jessalynne Lorraine	D.C.
Fortense Russell	Calif.	Charrier, James William	Idaho
ohn Edward	N.Y.	Chase, Emma Magarity	Va.
, Ardoin Edmond	Va.	A.B. 1934, A.M. 1936, The George Washington University	
Mary Margaret	D.C.	Chase, George	D.C.
1937, Wilson Teachers College		Chase, Patricia Ann	D.C.
Elizabeth	D.C.	Chase, Shirley Elaine	Va.
ames H.	La.	Chassan, Jacob B.	D.C.
ivian Jamie	Fla.	B.S. 1939, College of the City of New York	
Milton Edward	D.C.	Chattler, Led Morse	D.C.
Laurel Jeanne	N.Y.	B.S. 1941, University of Illinois	
Alice Joyce	Ill.		
Marjorie S.	Va.		



Chausse, Margaret Frances	R.I.	Christie, Thomas H.	D.C.
B.S. 1942, East Texas State Teachers College		B.S. 1929, William Smith College	Wash.
Chaves, Miguel	D.C.	Christoffersen, Olaf Holman	D.C.
Chavez, John Santos	Tex.	Christoph, Kathryn Helen	Ohio
Chavez, Lorenzo A.	N.M.	Christopher, Corelisa Helen	Va.
A.B. 1942, University of New Mexico		Christopher, Lawrence Cornell	D.C.
Chavez, Maria Gloria	D.C.	Christy, Rita Mary	Ill.
Checchi, Mary Elizabeth	Maine	Christy, Robert Wentworth	D.C.
Checchi, Vincent Victor	Maine	Christolm, Chrystene	D.C.
A.B. 1940, University of Maine		Chu, Phyllis S.	D.C.
A.M. 1944, The George Washington University		A.B. 1938, Yenching University	Ms.
Cheechia, Rocchina	D.C.	Chu, Wen Piao	
Chen, Su Ton	D.C.	Chubb, Louise	
Cheney, Consuelo R.	D.C.	A.B. 1942, Wellesley College	
Chenivasse, Jehanne	D.C.	M.S. in Pub. Adm. 1943, Washington University	N.Y.
Chenowith, Elmer Elsworth	Pa.	Chudzik, John Stephen	D.C.
Chen, Kong Liang	D.C.	Chung, Ella Ding	Va.
A.B. 1937, University of Shanghai		Church, Frederick Lewis, Jr.	
A.M. 1940, University of Southern California		B.S. in B.A. 1943, American University	Va.
Cheper, Nicholas S.	Ohio	Church, Jessica Peel	D.C.
Chepolis, Grace Madeline	Pa.	Church, Mae Margaret	D.C.
Cherru, Martha Louise	D.C.	Chyatte, Alice	Pa.
Chervitz, Alexander	D.C.	Ciarrochi, Eva Rita	N.J.
Chesivoir, Evelyn R.	D.C.	Cinotti, William Ralph	N.Y.
Chesler, Selma Rachel	D.C.	Cioffi, John Joseph	N.J.
Chester, Annabelle Johnnie	D.C.	Cisso, Betty Anne	Va.
Chevallaz, Jacqueline Marie Leonie	D.C.	Clatlin, Ruth Carolyn	Va.
A.B. 1944, The George Washington University		Clapp, E. Jane	
Chewing, Wilda G.	Va.	A.B. 1935, University of California at Los Angeles	D.C.
Cheyney, Barbara Bell	Va.	Clark, Angele Marguerite	Va.
B.S. 1933, Wilson Teachers College		Clark, Belvia Elaine	D.C.
Chiang, Jen	D.C.	Clark, Carroll Cooper	N.C.
Chiappone, Virginia Lee	Ohio	Clark, Clara Belle	D.C.
Chicousky, Mildred	D.C.	Clark, Clayton Joseph	Colo.
Childers, Melissa Alice	D.C.	Clark, Eleanor Marguerite	Tenn.
Childress, Mary Ruth	La.	Clark, Elizabeth Ann	D.C.
Childress, Wade Benson	Md.	Clark, Frances Everts	
Childs, James Thomas	Va.	A.B. 1917, The George Washington University	D.C.
Childs, Nancy Sherrard	D.C.	Clark, Harlan D.	
Chillson, John George	Md.	B.S. 1938, University of Alabama	
Chin, Mary Brown	N.Y.	A.M. 1940, Columbia University	Ga.
Chin, William	D.C.	Clark, India	Wash.
Choate, Harold Lewis	D.C.	Clark, Jan Williams	
Choisser, Marion Louise	D.C.	A.B. 1944, University of Washington	D.C.
A.B. 1944, The George Washington University		Clark, Jane Elizabeth	D.C.
Choisser, Robert	D.C.	Clark, Jeanne Holden	Pa.
Chojnacki, Bernard	Ohio	Clark, John Fulmer, Jr.	
Chomo, Marie Violet	Ohio	B.S. 1942, Lehigh University	Ill.
Chou, Chia-Lin	D.C.	Clark, Marjorie Ida	D.C.
A.B. 1928, Yenching University		Clark, Mary Ann	Va.
Chow, Er-Hsun	D.C.	Clark, Mary Augusta	D.C.
A.B. 1933, Fuh-Jun University		Clark, Mary Lou	D.C.
Chow, Felton	D.C.	Clark, Mary Louise	
B.S. 1923, A.M. 1925, University of Pennsylvania		A.B. 1943, Lawrence College	Pa.
Chow, Tai-Lee	D.C.	Clark, Portia Morrow	Ky.
Chowansky, John	Pa.	Clark, Raymond Gordon, Jr.	N.Y.
Christensen, Earl	D.C.	Clark, Sidney B.	D.C.
A.B. 1943, Montana State University		Clark, Warren Edward	D.C.
Christensen, Gayl Waneta	Wis.	Clark, William Douglas	Mo.
Christensen, Hedevis	Calif.	Clark, William Hanley	
Christie, Alexander Knox	D.C.	A.B. 1933, Westminster College	Md.
B.S. 1940, New York University		Clarke, Kathleen Marjorie	D.C.
Christie, Mollie Waters	Md.	Clarke, Laura Matilda	R.I.
A.B. 1938, College of William and Mary		Clarke, Mildred Asenath	Calif.
		Clatworthy, Mary Jane	Calif.
		Clausen, Henry Christian	PR
		Clavell, Carlos, Jr.	D.C.
		Clavell, Maria-Teresa Viera de	PR
		Clavell, Mario Antonio	

Y. Kathryn Geneil	D.C.	Coffman, Anne	Va.
man, Betty Jean	D.C.	Coffman, Clara Lillian	Va.
man, Shirley Belle	D.C.	Coggshall, Myrtle Edith	Ill.
ton, Rene Cowell	Ill.	Coggins, Mary Elizabeth	Pa.
ton, Sybella White	Va.	Cogswell, Mary Frances	Va.
rwater, Charlotte James	D.C.	Cohen, Arthur Robert	D.C.
nd, Elizabeth Anne	D.C.	Cohen, Caryl E.	N.Y.
en, Susan E.	D.C.	A.B. 1934, Brooklyn College	
ents, Barbara	Va.	LL.B. 1934, S.J.D. 1940, Brooklyn	
ents, Catherine Mary	D.C.	Law School	
ents, Ellen Ann	D.C.	Cohen, Ehud Judah	D.C.
ents, Frances Brown	D.C.	Cohen, Frances Virginia	D.C.
ents, Helen Louise	D.C.	Cohen, Ira Gerson	D.C.
ents, Marjorie Angela	D.C.	Cohen, June Rae	D.C.
ents, Samuel Eugene	Conn.	Cohen, Leslie	Md.
s. 1935, Yale University		A.B. 1944, Johns Hopkins University	
er, Emily	Tenn.	Cohen, Lillian Minnie	D.C.
er, Jane Farr	Tenn.	Cohen, Marie Louise	D.C.
p. in Comm. 1941, University of		Cohen, Mabel Brodsky	N.Y.
Georgia		A.B. 1941, Brooklyn College	
in, James Joseph	Conn.	Cohen, Norman	D.C.
ow, Carl William	D.C.	Cohen, Ralph Irwin	Ohio
ow, John Clinton	Ind.	A.B. 1943, Washington and Lee Uni-	
Benjamin Archibald	N.C.	versity	
s. 1941, Duke University		Cohen, Shirley Bernice	D.C.
Eudean	N.Y.	Cohen, Sol	N.Y.
W. Wilson	Md.	A.B. 1942, The George Washington	
s. 1939, Utah State Agricultural		University	
College		Cohen, Vivian Alice	D.C.
Bernice	Ky.	Cohn, Sylvia	D.C.
Ellen Wiard	Va.	Coker, Andre Dyer	R.I.
Mary Lee	Ind.	Coldough, Dorothy Cooper	D.C.
John Leonard	N.Y.	Cole, Charles Alexander, Jr.	Pa.
s. 1943, University of North		Cole, Elizabeth Jane	Md.
Carolina		Cole, Evelyn Yvonne	D.C.
Sheila Margaret	Conn.	Cole, Harold Benton	Va.
s. 1940, Albertus Magnus College		Cole, J. Robert	D.C.
George Wendell	D.C.	B.S. 1937, Tri-State College	
Leighton Eggertsen	Utah	Cole, James Marvin	D.C.
Alice Bertha	Mich.	Cole, Wynona Virginia	Okl.
Rita Mildred	Va.	Coleman, Aranel Vixian	La.
Betty Maye	Md.	Coleman, Catherine V.	D.C.
Gloria Anne	Mo.	Coleman, Ernestine Daisy	Md.
Jane Howell	D.C.	Coleman, John William	Va.
Joseph Daniel	D.C.	Coleman, Josephine Rachel	Iowa
Katherine Bynum	Ark.	Coleman, Kathryn Elizabeth	Miss.
s. 1942, A.M. 1933, University		Collett, Charles Thurmond	Tex.
Texas		A.B. 1933, Westminster College	
Mary Laurie	Va.	Collins, Chloa Maxine	Tex.
s. Clyde Brady	Va.	Collins, Dorothy Elizabeth	Va.
s. 1928, A.M. 1932, B.S. 1933,		Collins, Esther Grace	D.C.
io State University		Collins, Ethel Irene	N.C.
e, Dorothy Helen	D.C.	Collins, Ethel Zimmerman	N.C.
Alma Watson	D.C.	A.B. 1940, Elon College	
William Rufin Coleman, Jr.	D.C.	Collins, George Harwood	Colo.
ertrude Lucille	W Va.	Collins, Grace Margaret	D.C.
Arthur Dodd	D.C.	Collins, Helen	Md.
Oscar	Md.	Collins, Herbert Leon	D.C.
s. 1914, M.S. 1916, Tulane Uni-		Collins, Louise K.	D.C.
versity		Collins, Mary Court	D.C.
s. 1924, The George Washington		Collins, Patricia Katharine	D.C.
versity		Collins, Richard L.	Calif.
Grace Marie	N.Y.	A.B. 1940, University of California	
ard Harold	D.C.	at Los Angeles	
ian Irene	D.C.	Collins, Ruth Mary	D.C.
dred Virginia	N.Y.	Collins, Suzanne Frances Morse	D.C.
s. 1937, St. Lawrence University		A.B. 1941, University of Maryland	
s. 1938, Syracuse University		Collins, Wilma Jean	D.C.
raldine Farrar	D.C.	Colmetz, Martha Louise	D.C.
erald William	Fla.	A.B. 1942, The George Washington	
William Weber	Md.	University	
s. 1935, M.S. 1937, University of		Colson, Sue Cleo	D.C.
ois		Coltman, William Kyle	D.C.

Colvin, Ralph Whitmore B.S. 1942, Lawrence College	Wis.	Cook, Mary Stewart B.S. 1944, Morehead State Teachers College	Ky.
Colvin, Christine	Tex.	Cook, Mildred Louise	D.C.
Colwell, Millicent Matilda	Colo.	Cook, Walter McQueen	Ala.
Combs, Alberta Ann	W. Va.	Cook, William Nicholas	N.Y.
Comer, Caroline Stewart	Va.	Cooke, Isabella Edith	D.C.
Comer, Walter Horace	Canada	Cooke, John James	D.C.
Comm. Ann Frederick	D.C.	Coon, Celia Wilson	Va.
Commander, Josephine Alice	D.C.	B.S. 1922, Oregon State College	D.C.
Compa, Ruth Miller	Ala.	Coon, Douglas	N.Y.
B.S. 1935, University of New Mexico		Coonley, Fred Harris	Va.
A.M. 1937, University of Alabama	N.H.	Cooper, Anna Jane	D.C.
Compton, Frank John	Va.	Cooper, Betty	D.C.
Compton, Anna Belle	Ark.	Cooper, Catherine Muir	D.C.
Compton, C. Pearl	D.C.	Cooper, Charles David	D.C.
Compton, Joseph Clarence Woodrow	Md.	Cooper, David Cooper	N.C.
Compton, Virginia	S.C.	Cooper, Francis Hunt	Ark.
Compton, William Bernard, Jr.	S.D.	Cooper, Glenda Sue	Mich.
Cone, Robert Edward	Va.	Cooper, Grace M.	D.C.
Congress, A. Eugene	Mass.	Cooper, Irving S.	
A.B. 1926, Columbia University		A.B. 1943, The George Washington University	N.Y.
Coniaris, Athene Cutler	D.C.	Cooper, Joseph David	Ohio
B.S. 1941, Radcliffe College		Cooper, Loretta Marie	
Conkey, Ralph Hill	D.C.	B.S. in Ed. 1934, Ohio State University	Tenn.
A.B. 1943, The George Washington University		Cooper, Mary Louise	D.C.
Conklin, Courten Baxter, Jr.	Minn.	Cooper, Mary Virginia	D.C.
A.B. 1942, Middlebury College	D.C.	Cooper, Paul David	
Conklin, Helen Hope		A.B. 1939, Western Maryland College	Pa.
Conklin, Jorie	D.C.	Ed.M. 1943, University of Maryland	D.C.
A.B. 1942, University of California	D.C.	Cooper, Ruth Carleen	D.C.
Conklin, Judith Lenore	D.C.	Cooper, Ruth Thelma	
Conklin, Lois Ann	N.Y.	Cooper, Sol Saul	
Conley, Alice Suzanne	Ind.	B.S. in Chem. Eng. 1933, Cooper Union	Ohio
Coumce, Isabelle Edwards	D.C.	Cooper, Sophia	D.C.
Conn, Janet Lee	D.C.	Cooper, Suzanne Taylor	D.C.
Conn, Mervin Aaron	D.C.	Cooperman, Bernard Robert	Va.
Conn, Rhoda Z.	D.C.	Copeland, Alfred	Kans.
Connell, Kathleen Elizabeth	Pa.	Copeland, Anna Elizabeth	N.Y.
Connell, Vera Maria	N.Y.	Copeland, Elizabeth	Va.
Connellan, Gerald Vincent	D.C.	Coppa, Julia Anne	D.C.
Connolly, Edward Ray	Pa.	Coran, Edward Robert	N.Y.
Connolly, Anne Joan	D.C.	Corbett, John Joseph	
Connolly, Elizabeth Marie	D.C.	B.S. 1944, New York University	Va.
A.B. 1943, Goucher College	Conn.	Corbin, Olney Mitchell	D.C.
Connor, Audrey Marie	Ark.	Cordell, Jacques Robert	D.C.
Connor, Bertha Mae	D.C.	Corder, Bethel Shover	
Connor, Wanda Janelle	Ohio	A.B. 1921, Baker University	
Conrad, George Thomas, Jr.		A.M. 1926, University of Kansas	Nebr.
Conrad, William Ernst	D.C.	Corder, Lucille Dillon	D.C.
A.B. 1943, The George Washington University	Mass.	Corder, Ruby Lee	Va.
Conroy, Elaine Virginia	N.J.	Corley, Nancy Colburn	Ind.
Constant, Marguerite Anita	Va.	Cornell, John Bilheimer	N.C.
Conte, Lena Margaret		Cornette, Thelma	
Cook, Anne Rush	Va.	A.B. 1946, Western Kentucky Teachers College	Fla.
A.B. 1948, Vassar College	Va.	Cornish, Caroline Laws	D.C.
Cook, Barbara Ann	Va.	Cornish, John Henry	
Cook, Charles Barrie	Va.	A.B. 1927, Southwestern College	D.C.
Cook, Donald Paul		Conroy, Hilbert Bartram	D.C.
Cook, Dorothy Sweet	Ark.	Corridon, Donald Claude	
A.B. 1911, University of Wisconsin	Wis.	B.S. 1941, University of Maryland	D.C.
Cook, Frances Rowena	N.Y.	Corridon, Geraldine Antoinette	
Cook, Gladys Henrietta	D.C.	A.B. 1936, Syracuse University	D.C.
Cook, Herbert John	N.Y.	Corriveau, Céline	
Cook, Hildegarde		Corro, Miguel Antonio	D.C.
Cook, Isidore		Corro, Pedro Francisco, Jr.	D.C.
B.S. 1939, College of the City of New York	D.C.	Corro, Thelma Josephina	D.C.
Cook, John Alfred	D.C.	Corson, Glenna H.	
A.B. 1932, Yale University			
Cook, Martha Groff			



Cheryl Evans				
B. 1941, Morningside College	Wash.	Craig, Helen Knox		Va.
Prove, Thomas Edward	Mo.	A.B. 1930, B.S. in Ed. 1936, Ohio State University		
Sticks, Ann	D.C.	Craig, James Angus	Utah	
Antini, Mario Michael	D.C.	Crain, Jean Maxine	D.C.	
Antini, Ralph	N.Y.	Cram, Lillian Ellsworth	D.C.	
S. Chem. Eng. 1939, The College of the City of New York		Crane, Louise Morrison	Pa.	
s. Emma E.	Bolivia	Cranford, Ralph Wilbur	Ark.	
Ho, Calvin Harlan	Va.	Cranford, Shirley Margaret	D.C.	
n, Christine	N.C.	Cranksam, Harold George	D.C.	
S. 1936, Western Kentucky Teachers College		B.S. 1928, Carnegie Institute of Technology		
n, Kathryn Elizabeth	D.C.	A.M. 1942, Cornell University		
William Morris, Jr.	Mo.	Cranmer, Sarah Abigail	N.J.	
1941, Harvard University		Cranney, Wyndon Doyle	Wyo.	
Clarence Edward	D.C.	A.B. 1940, Brigham Young University		
Raymond Laverne, Jr.	D.C.	Cravens, Mary Fern	Ark.	
Herbert	N.J.	A.B. 1941, Hendrix College		
John James	Va.	Craver, Nancy Maye	S.C.	
Eugenie	Pa.	Crawford, Dorcas Esther	Iowa	
Doris Mae	D.C.	B.S. 1937, University of Nebraska		
Mary Lou	Md.	Crawford, Florence Morrison	D.C.	
Ray, Ralph Liady	D.C.	Crawford, Hugh Bernard	Md.	
1941, The George Washington University		Crawford, Jerry	Md.	
Robert Lawrence	D.C.	Crawford, John Erwin	Pa.	
Robert Hanaan	Va.	Crawford, Marian Case	D.C.	
Sidney Charles, Jr.	D.C.	Crawford, Ruth Adrienne	D.C.	
Frances Helen	Md.	Crawford, Sadi Strosnider	D.C.	
Mildred		B.S. 1924, Ohio State University		
1942, Washington College		Creamer, Cary Rowland	D.C.	
in Ed. 1941, University of Pennsylvania		Creech, Clarice Cecilia	D.C.	
Zoe	Tenn.	Creech, Kathryn McKay	Md.	
Buford College	Tenn.	Creecher, William Herbert	D.C.	
us., Ruskin Conservatory		Creekman, James Lenvel, Jr.	Va.	
A.M., Ph.D., 1941, George Aboddy College for Teachers		Creel, Hope	D.C.	
Mary Estelle	Md.	Creel, Phyllis Vennetta	D.C.	
Margaret Helen	Ohio	Creps, John Howard	Pa.	
are London	Md.	B.S. in Ed. 1943, State Teachers College, Indiana, Pa.		
1929, The George Washington University		Cressler, Mildred A.	D.C.	
nest D.	Tenn.	A.B. 1929, University of Nebraska		
ene Harold	Ind.	Crider, Catherine Williams	Ga.	
ances Mary	D.C.	Crigler, William Richard	Va.	
orge T.	Utah	Crim, Betty Jane	Va.	
harm. 1937, University of Idaho		Crisman, Edith May	Tenn.	
May		B.S. 1942, M.S. 1943, University of Tennessee		
ome Rockhold	D.C.	Crismond, Louis Anthony	D.C.	
1914, Western Maryland University	Md.	Crist, Catherine Marie	Va.	
1922, The George Washington University		Criste, Mary Madeline	Fla.	
ry Christine	Pa.	Croasmun, Homer Oliver	D.C.	
1943, Susquehanna University		Crocker, Arline Brower	N.Y.	
ry Winifred	Mass.	Crocker, Martha Avice	Mass.	
1940, The George Washington University		A.B. 1942, Smith College		
on Chandler	Va.	Crockett, Mary Elizabeth	Va.	
mas Irvin	N.Y.	Crolius, Newell Tucker	D.C.	
ie L.	La.	Crom, Curtis Griswold	D.C.	
ham Arnold	N.J.	Crone, John Felix	Va.	
len Winifred	Ill.	A.B. 1947, University of Texas		
ohn Thomas	Ill.	Crone, Ruth Beverley	Nebr.	
Gordon Holmes	D.C.	A.B. 1942, Nebraska State Teachers College		
Dorothy	Mich.	Cross, Emma Elaine	Kans.	
arles Corbin	D.C.	Cross, Mary Juanita	D.C.	
1941, The George Washington University		Crossfield, Philip J.	D.C.	
ard Edwards	Ill.	B.C.E. 1942, The George Washington University		
1938, Purdue University		Crossland, Clem C., Jr.	D.C.	
		Crosswhite, Virginia Yvonne	Kans.	
		A.B. 1943, Municipal University of Wichita		
		Crowe, Anne Cecilia	D.C.	
		Crowell, Esther Hannah	D.C.	

Crowell, Margaret	N.H.	Dakovich, Anita Lee	Calif.
Crown, Ellen Frances	D.C.	Dale, Carolyn Olson	D.C.
Croxton, Hardy Winburn	Ark.	Dale, John Estes	D.C.
A.B. 1943, University of Richmond		Dalkowitz, Sampson Godfrey	N.Y.
Crowther, Kent Horace	Va.	B.S. 1920, United States Naval Academy	N.Y.
Cruger, Dorothea van Rensselaer	D.C.	Dallaportas, Barbara M.	P.R.
Crump, George Aubrey, Jr.	D.C.	Dalman, Carlos Jose	
Crumpler, Roland	N.C.	A.B. 1942, The George Washington University	D.C.
Crumrine, Burton Eugene, Jr.	Md.	Dalton, Virginia Lee	
Crumrine, Virginia Patricia	D.C.	B.S. 1941, Wilson Teachers College	Pa.
Cryer, Agnes	Tex.	Daltroff, Shields Lee	N.C.
Crystal, Daniel	N.J.	Daly, Anne Ruth	Va.
A.B. 1935, Teachers College, Montclair, N. J.		Daly, Elizabeth Teresa	Va.
Cuaresma, Carlos	D.C.	Daly, John Joseph	N.Y.
Cubillos, Corlis Julio	D.C.	Daly, Richard Francis	D.C.
Cuddy, Mellie Mae	Mo.	Dameron, Joseph Jackson	Pa.
Cue, Geraldine Iris	Va.	Dameron, William Vincent	D.C.
B.S. 1944, Purdue University		D'Amico, Albert J.	D.C.
Cugle, Elizabeth	D.C.	D'Amico, John Joseph	
Culher, Doris Hazel	Wash.	B.S. 1938, M.S. 1940, West Virginia University	D.C.
A.B. 1929, Washington State College	Pa.	Da Motta, Lourival Seroa	D.C.
Cullen, Lucille S.	Conn.	Danheiser, Eileen Frances	Va.
Cullma, Joseph Charles	Va.	Dantzier, Strong Webster	
Culpepper, Sarah Virginia		B.S. in Comm. 1937, University of Kentucky	D.C.
A.B. 1944, University of North Carolina	Iowa	Darby, Ellen Dunsmore	D.C.
Cummings, James Robert	Va.	Darby, Margaret Louise	W.Va.
Cummings, June Arline	D.C.	Darby, Robert Huntley	
Cummins, Marion Taylor	D.C.	A.B. 1937, A.M. 1939, West Virginia University	D.C.
Cunningham, Caleb Richmond	Va.	Darcey, Roland Eugene	Ill.
Cunningham, Edith Virginia	Va.	Darch, Norman Shepard	D.C.
Cunningham, Harry Earl		Darling, Frances Virginia	Pa.
B.S. in C. E. 1926, California Institute of Technology	Tex.	Darling, Joseph Warren	
Cunningham, Rose Marie	Va.	B.S. 1940, Harvard University	
Curtman, Ruth Marie	Ohio	M.B.A. 1944, University of Pennsylvania	N.Y.
Cutran, Edith Beatrice	D.C.	Darmstadt, William Eugene	Wb.
Curtis, Margaret Compton	D.C.	Darnieder, Victor Michael	Va.
Curry, Harriet Bradford	D.C.	Darter, Oscar Haddon	
Curry, Mary Jane	D.C.	A.B. 1922, State Teachers College, Ada, Okla.	Minn.
Curtin, Charles Byron	Ark.	A.M. 1926, Columbia University	
Curtis, Charles Edward	Calif.	Daugherty, Charles Raymond	D.C.
Curtis, Lyle S.	Utah	A.B. 1944, The George Washington University	D.C.
Curtis, Mary Jean	Okla.	Daumit, N. David	D.C.
Cushing, Joseph George	Pa.	Davenport, Edward Cresswell	D.C.
Cuthbert, Marlys Joy	D.C.	Davey, Charles Henry	
Cutler, Frederick	D.C.	A.B. 1937, University of California	D.C.
B.S. in S.S. 1943, The College of the City of New York	N.Y.	David, Harry	N.Y.
Cutler, Judith Bayard	Md.	Davids, Frances S.	
Cutting, Dorothea E.	Vt.	A.B. 1945, The George Washington University	
Cutting, Maebelle Frances	Md.	Davidson, Carolyn Ruth	D.C.
Cutton, Carol Elizabeth	Ala.	Davidson, Herbert Donald	D.C.
Cypert, Minnie Orine	D.C.	Davidson, Norman	Va.
Czuba, Thaddeus W.		Davis, Agnes Eleanor	D.C.
B.M.E. 1943, Ohio State University		Davis, Alvin Thornwall	Va.
		Davis, Albert Plummer	
D		B.S. 1945, Northeastern University	Md.
Dabney, Anne Elizabeth	D.C.	Davis, Cathryn Riegleman	
Dach, Joseph	N.Y.	A.B. 1944, The George Washington University	D.C.
L.L.D. 1928, University of Budapest		Davis, Charlotte	Pa.
Da Costa, Orlando Rodrigues	D.C.	Davis, Dale Miller	
B.S. 1942, Gymnasium, Brazil		Davis, Donald Martin	D.C.
M.D. 1937, Medical School, Brazil	D.C.	B.S. 1936, University of Dayton	Pa.
Daffron, James Patrick	D.C.	Davis, Dorothy	
Darle, Rose		Davis, Dorothy Arlene	
A.B. 1941, Southwestern Louisiana Institute	Conn.		
Dailey, Catherine Bernice	Utah		
Daily, Ruby Roberts	Md.		
Dames, Newel George, Jr.			
Daisley, Gordon Walford, Jr.			

s. Dorothy Maye	Va.	DeHart, Hazel Agnes	Va.
s. Earl Dean	Oreg.	Dekelboun, Marvin	D.C.
s. Edith Mae	D.C.	Dekom, Otto Joseph	D.C.
s. Elizabeth	Fla.	Delaney, John Aloysius	D.C.
s. 1943, Florida State College for Women		Delaney, Molly Elizabeth	Pa.
Elton D.	N.J.	Delasos, Evangeline	D.C.
s. Fred Wilson	W.Va.	Delavan, Subil Turpe	Ala.
s. 1938, Marshall College		Delbridge, Patricia M.	Va.
s. Frederic Terrence	Ga.	Delisi, Constance Agnes	D.C.
s. Garnet Edward	D.C.	Delk, Frank S.	D.C.
s. 1934, University of Maryland		DeLlatastious, Sinclair Bowen	D.C.
s. 1936, University of Maine		Delony, Jean C.	Wash.
Gloria Rose	Md.	DeLovely, Patricia Margie	Minn.
Harold Arthur	D.C.	delowman, Delia C.	D.C.
s. 1943, The George Washington University		Delpopulo, Anthony James	N.Y.
s. Harry Williams	Pa.	B.S. 1937, State Teachers College, Buffalo, N. Y.	
Hazel	Va.	de Medeiros, Fernando Laboria	Brazil
s. 1932, Ph.D. 1939, Columbia University		LL.B. 1944, The George Washington University	
s. 1936, University of Chicago		Del Vecchio, Iris	D.C.
Jane Anna	Va.	Del Vecchio, John Roy	D.C.
Janice Ellen	D.C.	Del Vecchio, Lucy	Ohio
John Richelieu	D.C.	Del Vecchio, Marie Canetti	D.C.
Kenneth Fabian	Miss.	De Marco, Michelina Jeannette	N.Y.
s. 1922, United States Naval Academy		de Mariano, Mario	D.C.
Lewyn Crittenden	Md.	Demas, Esther Peter	D.C.
s. 1926, University of Richmond		Demas, Nicholas Stephen	D.C.
s. 1910, Columbia University		Densbrow, Leon William	Md.
Louise Lenore	D.C.	DeMette, Leon Jean	D.C.
s. 1912, National University		D. of Chem. 1935, University of Brussels	
Lucille	D.C.	De Merritt, Sylvia Barbara	D.C.
Malcolm	D.C.	De Michelis, Irene C.	Ohio
Margaret Ruth	Md.	Demidov, Alexander P.	Md.
Marvin David	Nebr.	M.D. 1916, Imperial University of Moscow	
Mary Lou	Tex.	M.B.A. 1931, New York University	
Mary Margaret	D.C.	Dempsey, Mary Jane	D.C.
s. 1917, A.M. 1941, The George Washington University		Dempster, Blanche Owens	Va.
Oscar Lloyd	Md.	Dempster, Jean Brodie	Va.
Paul Lee	D.C.	Denby, Phyllis Cochran	D.C.
Richard Cushman	Md.	Dencher, Dorothy Seidel	D.C.
s. 1942, Middlebury College		DeNeale, Ruth Lorraine	D.C.
Roberta	Okla.	Denenberg, Edith Levin	D.C.
Sadye Jane	Pa.	Deniro, Patrick Joseph	N.Y.
Violet F.	D.C.	Denison, Ellery	D.C.
on, Clarke	D.C.	B.C.S. 1926, New York University	
on, Elizabeth Knotts	Md.	Dennis, Dorothea	D.C.
on, Bette	D.C.	Dennis, Helen George	D.C.
Charles Herbert	Ohio	Dennis, Jean	D.C.
s. 1938, Penn College		A.B. 1940, Antioch College	
ane	Md.	Dennis, William Merrill	Va.
Richard Lorey	Maine	A.B. 1937, State University of Iowa	
s. Glenn Orville	Calif.	Denny, Alice Josephine	D.C.
s. David Hawthorne	N.Y.	De Obaldia, Manuela Judith	Panama
Bettyann	D.C.	B.S. 1918, Colegio de Maria Inmaculado, Panama City	
Hazel Selena	Va.	Denslow, Huston	Calif.
Mary Kendrick	D.C.	Dent, Betty Gordon	D.C.
rn, Suzanne	N.H.	Denton, Elmo Hilliard	N.C.
er, Charles F.	Va.	Dentrich, Bernice Marie	D.C.
er, Christine Elias	Md.	Depew, Harry Walker	D.C.
s. Frances VanMeter	Va.	A.B. 1941, University of California	
baum, Robert	D.C.	Depue, Margaret Van Wostrand	Va.
ey, Elizabeth Rowland	Md.	Depue, Kathleen Norris	Va.
Betty Jean	Pa.	De Rose, Barbara Muriel	N.J.
ola Tidwell	D.C.	Derosia, Mary Catherine	Md.
o, Oriste	D.C.	Derouin, Ruth Elizabeth	D.C.
Rita Agnes	D.C.	A.B. 1942, Mount Holyoke College	
ger, Elizabeth Gaynall	Mo.	Derrick, Daniel Mosteller	Md.
y, Federico Emmanuel	D.C.	Derryberry, Charles Piner	Va.
y, Helen Roberts	Va.		



Dervan, John Murray	Mass.	Dingman, Lester Francis	Md.
B.S. 1936, LL.B. 1938, Boston University		Dinneen, Margaret Catherine	Minn.
De Shazo, Katherine Crenshaw	D.C.	Dinning, Mary Elizabeth	Ky.
Deskin, Elaine	D.C.	Dinnas, Pauline Alice	D.C.
Deskin, Leona	D.C.	Dishon, Lois I.	Okla.
Desprez, Norma Zank	Wis.	Diskin, John Joseph	D.C.
Detrich, Mary Jane	Mich.	B.S. 1931, St. Thomas College	Pa.
Detzer, Mary Jane	D.C.	Disler, Oscar Charles	Pa.
Deutsch, Dorothy Catherine	N.Y.	Disston, Samuel	D.C.
Deutsch, Morris Robert	Mass.	Dittoe, Carolyn Louise	Va.
Deutsch, Ralph		Divine, William R.	
B.S. 1941, University of Michigan		A.B. 1937, Pomona College	N.C.
Deutsch, Ruth	Mass.	A.M. 1939, University of Cincinnati	Va.
A.M. 1941, Radcliffe College	D.C.	Dixon, Clarence Walter	D.C.
Deuxbarry, Mary Isabel	D.C.	Dixon, Kenneth Fife	Md.
Devane, Sister M. Raphael	Md.	Dixon, Ola Maye	Va.
Devilbiss, Wilbur		Dize, Frances Caroline	Md.
A.B. 1925, Western Maryland College		Doane, John Emil	N.Y.
A.M. 1935, University of Maryland		Dobres, Jeanne Louise	
Devine, Charles Joseph, Jr.	Va.	Dobrowolski, Helen Little	
A.B. 1943, Washington and Lee University		A.B. 1943, University of North Carolina	Iowa
Devine, Edward Peter	D.C.	Dockerman, Mollie	D.C.
Devine, Paul	Ill.	Dodds, James Andre	D.C.
Devlin, Ann	Del.	Dodiek, Ruth Eleanor	D.C.
De Vore, Wolden Wallace	Va.	Dodge, Jane Gray	Md.
Devron, Erwin Howard	D.C.	Dodge, Wendell Phillips, Jr.	Mo.
Dewhirst, Howard Homer		Dodson, Boltwood Edmund	
A.B. 1941, The George Washington University		B.S. 1923, United States Naval Academy	Ind.
Deyhle, Jeanne Eleanor	D.C.	Dodson, Claire	Va.
Diamond, Evelyn Hilda	D.C.	Dodson, Elba Aileen	Va.
A.B. 1933, New York University		Doherty, Francis Connors	D.C.
Diamond, Joyce Ann	D.C.	Doherty, Irene Marie	
Diamond, Lillian	D.C.	B.S. in Ed. 1935, State Teachers College, Framingham, Mass.	Va.
B.S. 1945, New York University		Doherty, Richard Mark	
Dickert, Eddie	D.C.	A.B. 1942, Catholic University of America	D.C.
A.B. 1915, A.M. 1934, George Washington University		Doidge, Janet Anne	Minn.
Dickey, Esther Marie	Ariz.	Dokken, Nyal C.	
Dickey, Joyce Layne	Ark.	A.B. 1949, The George Washington University	Md.
Dickinson, William Dupuy, Jr.	Md.	Dolan, Aloysius Patrick	N.I.
B.S. 1930, Hampden-Sydney College		Doland, Alver Burr	Md.
Dickinson, Pleceda Anne	Ill.	Dole, Carolyn Olsen	Wis.
Dickinson, Taltitia Shelly	Md.	Doleshal, Velva Elizabeth	Wis.
Dicksa, Alvin Paul	D.C.	Doll, Mary Ann	D.C.
B.S. 1943, University of Southern California		Dollarhide, Ivajean	Ill.
Dicksa, Carl Adam	Calif.	Dolfi, Harry William	
Dickson, Mary Frances	D.C.	B.S. 1943, Illinois Institute of Technology	D.C.
Dieman, Charles Augustus	Md.	Dolnick, Ethel Helen	
B.S. 1940, University of Wisconsin		B.S. 1943, The George Washington University	Tex.
Dietemann, Arlene Claire	Mass.	Dom, Frances Pearl	Mo.
Dieterle, Dorothea Mary	D.C.	Dom, Jesse Roy	D.C.
Dietler, Patrick Chester, Jr.	Calif.	Dominguez, Consuelo	D.C.
Dietz, Ann Kathryn	Ohio	Dominguez, Romeo	Mont.
Dietz, William Edward	Kans.	Donahue, Mary Ellen	D.C.
DiGiulian, Anna Marie S.	D.C.	Donecho, Deborah Ann	Ill.
B.S. 1940, Wilson Teachers College		Donnell, Betty Jane	D.C.
Dik, Elsa Lilly	N.Y.	Donnelly, Mary Elizabeth	Va.
Dill, Doris Elizabeth	Mich.	Donner, Sidney Robert	
Dillon, Edward Scott	D.C.	B.S. 1931, College of the City of New York	
B.S. 1942, University of Illinois		LL.B. 1937, Brooklyn Law School	D.C.
Dillon, Helen	D.C.	Donoghue, Helen Craven	Md.
Dillon, John Francis		Donoghue, Ora May	Pa.
B.S. 1943, Catholic University of America		Donovan, Mary Elizabeth	
Dillon, Mary Cecelia	Ill.	B.S. 1942, University of Pittsburgh	Va.
Dillon, Nancy	Va.	Donovan, Margaret Roblee	
Dillon, Zietta Shriver	D.C.		
Dimette, Claude Chester, Jr.	D.C.		
Dimmitt, Marion Joan	D.C.		

ody, Thomas Edward	Calif.	Drew, Addella Meier	D.C.
A.B. 1943, Stanford University		Drew, Jane Carolyn	D.C.
oley, Mary Regina	D.C.	Drevanik, Dorothy	D.C.
olittle, Mary Elizabeth	D.C.	Driggs, Lydia Stefanski	D.C.
olittle, Russell Carter	N.J.	Driscoll, Carolyn Gill	Calif.
A.B. 1935, Princeton University		Driscoll, John Joseph	N.Y.
U.S. 1940, California Institute of Technology		Driver, Howard Wesley	D.C.
oman, Norma Hermine	D.C.	Droll, Agnes Betty	Ohio
oman, Joan Eldora	D.C.	Drum, Peggy June	D.C.
mbush, Anna Marie	Mich.	Druse, Katharine	Iowa
r, Lorita	D.C.	A.B. 1918, Iowa Wesleyan College	
ach, Beatrice	D.C.	A.M. 1928, Columbia University	
ach, Ruth	D.C.	Dryden, Hugh Latimer, Jr.	D.C.
sey, Gertrude Worthington	D.C.	A.B. 1943, Johns Hopkins University	
sey, Leona F.	D.C.	Dryden, Leslie Powell	Md.
B. 1927, Goucher College	Va.	Dubber, Bessie Patrick	D.C.
M. 1931, Johns Hopkins University		Pd.B. 1910, A.B. 1914, Indiana University	
ey, Margaret W.	Va.	Dubin, Harold	D.C.
B. 1926, Westhampton College		Dubin, Nora	N.Y.
M. 1931, Columbia University		Du Bois, Martha M.	Ind.
ey, William Henry, Jr.	D.C.	B.S. 1932, Purdue University	
B. 1943, University of Dayton		Du Bois, Mary Evelyn	Pa.
il, Robert A.	D.C.	Du Bois, Robert Arthur	N.H.
on, Edwin John	Nev.	Dubowsky, Sylvia Ruth	Ohio
on, Maryanna Elizabeth	D.C.	A.B. 1938, University of Cincinnati	
e, Myldred Marguerite	Va.	Duckett, Margaret Wolfe	D.C.
B. 1943, The George Washington University		Duckett, Robert Edward	S.C.
herty, Faith	D.C.	B.S. 1936, Furman University	
herty, Frank R.	D.C.	Duckworth, Pauline A.	N.Y.
herty, Marie Agnes	D.C.	A.B. 1939, Syracuse University	
lan, Hector Donald	D.C.	Duda, Cecilia Wanda	N.Y.
as, John Michael	D.C.	Duerbeck, Louise McCutchan	Ill.
Lucille Weiss	D.C.	Duff, Bruce Edwin	Va.
Marjorie Ann	D.C.	Duff, Marie Ulam	Pa.
ll, Earl Simeon	N.D.	Duffee, Corinne Marie	D.C.
ll, Walter Frederick, Jr.	Ill.	Duffy, Adrienne Mann	D.C.
ng, Jean	Va.	Duffy, Ruth Mary	D.C.
er, Jo Elizabeth	Ohio	Duodale, Donna Elizabeth	D.C.
ey, Mary Catherine	W.Va.	Duggan, Alice Frances	Mass.
ey, Alma Gayle	N.Y.	Dugan, Priscilla Watson	Va.
ng, Beers	Nebr.	Du Laney, Carl Whitesill	Va.
1941, William Jewell College	Mo.	Dulaney, Eula Lee	Va.
1944, The George Washington University		Dulberger, Harriette Frederica	D.C.
ng, Edna Earline	Va.	Dulin, Samuel Nathan, Jr.	N.C.
g, Doris Evelyn	D.C.	B.S. 1942, University of North Carolina	
Edward Joseph	D.C.	Dulin, William Easterday	D.C.
Mahloiv Eugene	N.Y.	Dulles, Joan	N.Y.
Marymargaret	Pa.	A.B. 1944, Radcliffe College	
Benjamin Holmes	Ark.	Dumar, Vivian Cecile	D.C.
Lona Watkins	D.C.	Dumas, Mary Elizabeth	Vt.
nberg, Elsie Margaret	Conn.	Dunaway, Helen Elizabeth	Iowa
Louise Rita	Ill.	Dunaway, Phyllis Jean	Iowa
r, Edith Prindle	D.C.	Dunbar, Mary Frances	Conn.
1936, Wilson Teachers College		A.B. 1942, Wellesley College	
Dorothy Ellen	N.C.	Duncan, John Hiram	Va.
John Lester	N.Y.	Duncan, Willis Singleton	Va.
E. 1943, Lawrence Institute of Technology		A.B. 1930, Westminster College, Fulton, Miss.	
Andrey Marie	Va.	Dunfee, Bernadine Langdon	Ohio
Elizabeth Kohl	D.C.	B.S. 1939, Wilmington College	
1924, A.M. 1933, The George Washington University		Dunlap, Dorothy Jean	N.J.
Pauline	Mont.	A.B. 1941, University of Michigan	
Woodson Everett	Va.	Dunlap, Menis Eugene	Okla.
d, Hazel	D.C.	Dunleary, Paul Charles	Md.
1935, Drury College		A.B. 1934, St. Johns College	
Evelyn Edith	N.J.	A.M. 1936, The George Washington University	
1941, The George Washington University		Dunlop, James Robert	D.C.
		Dunn, Charles Wilde	Pa.
		B.S. 1943, Clemson Agricultural College	

Dunn, Dorothy Inez	Va.	Edmonds, May Harnden	Ill.
Dunn, Lawrence Mathew	D.C.	Edmonds, Carol Mae	Mass.
Dunn, Temple Dowden	La.	Edmunds, Evelyn Lockwood	D.C.
A.B. 1940, University of Louisiana		B.S. in Ed. 1941, Buffalo State Teachers College	
Dunstan, Lyle Alfred	Wash.	Edson, Lorna	D.C.
B.S. in E.E. 1939, University of Washington		Edutis, Audrey Rosemary	D.C.
Duplinsky, Joseph Francis	Conn.	B.Ed. 1942, Chicago Teachers College	D.C.
A.C.S. 1942, New Haven State Teachers College		Edward, Mary-Frances	D.C.
Duprey, Wilson Gilliland	Ohio	A.B. 1944, University of Texas	D.C.
Duque, Jose Gabriel	Panama	Edwards, Jean Shearer	D.C.
B.S. in B.A. 1944, American University		Edwards, Mary Louise	Va.
Duranleau, Madeline Louise	Va.	Edwards, Virginia Lucile	Wis.
Durfee, Grace Campbell	D.C.	Effenberg, Ellen Myrtle	D.C.
B.S. 1937, University of Minnesota		Egan, Anna Virginia	D.C.
Durgin, Franklin Willoughby	N.H.	Egan, Eleanor Florence	Md.
Durgin, Irene Mildred	D.C.	Egan, James Frederick	D.C.
Durst, Barbara Alice	Calif.	Egan, Jane Florence	Md.
Duttie, George Joseph	D.C.	Eeseling, Dorothy Jean	Calif.
Duvall, Allen Joseph	D.C.	Ehlers, Joseph Henry	
Duvall, Lois Alton	Va.	B.S. 1914, Trinity College	Va.
Dwyer, Miriam Rita	D.C.	Ehninger, Flo Beth	N.Y.
Dyar, Roshan Willfred	D.C.	Ehrenkrantz, Manon	D.C.
Dykes, Lillie Mae	S.C.	Ehrlich, Bernard Herbert	Mass.
Dye, Edith Stewart	D.C.	Ehrlich, Helen Gertrude	D.C.
B.E. 1934, National College of Education		Ehrlich, Ira Robert	N.C.
Dyer, Inez Shirley	Va.	Einmantrout, John Edward	
Dyer, Marion Paull	D.C.	A.B. 1940, The George Washington University	D.C.
Dyer, Robert Francis	D.C.	Eibender, Phyllis	D.C.
Dysland, Robert Carroll	D.C.	Eicke, Woodward G.	D.C.
E		Eilbert, Richard Lyle	Pa.
Eager, Eloise Susan	Wis.	Eihart, Harry Edward, Jr.	Md.
A.B. 1940, University of Wisconsin		Eiseman, Mary Alice	N.Y.
Earle, Mary Veronica	Pa.	Eisenberg, Eva	
Eakin, Irene Frances	Va.	A.B. 1941, Brooklyn College	D.C.
Eanet, Myron Louis	D.C.	Eisenberg, Samuel	N.Y.
Eanet, Rena Doris	D.C.	Eisenberg, William Victor	
Eanly, Joseph Howard, Jr.	Va.	A.B. 1934, Brooklyn College	
Earle, Elinor Southgate	Ky.	A.M. 1942, The George Washington University	Va.
A.B. 1942, University of Kentucky		Eisenhard, Antoinette	
Earle, Geraldine Haynes	D.C.	A.B. 1941, Moravian College for Women	D.C.
Earll, Gabie Temple	D.C.	Eisenhauer, Myrtis Miller	D.C.
Earll, Robert Edward	D.C.	Eistenstein, Davette	N.Y.
Earnest, Ludean Sherrill	D.C.	Eisner, Leonard	Ind.
Earp, Thomas Spencer	Va.	Elder, Damon R.	
A.B. 1939, Elon College		B.S.A. 1942, Purdue University	D.C.
Easterson, Harold George	D.C.	Elder, Helen Kock	Va.
Eastin, Roy B., Jr.	Ky.	Elgiu, Ruth St. Clair	
A.B. 1942, The George Washington University		A.B. 1924, A.M. 1932, The George Washington University	N.Y.
Eastman, Jean Elizabeth	D.C.	Elinson, Marcella Diane	Pa.
Eatmon, Crum Hubert, Jr.	Va.	Elko, Helen	Miss.
Eberle, Allan Richard	D.C.	Elledge, Anne Moore	
Eberman, Blanche Tryon	D.C.	A.B. 1941, The George Washington University	Md.
Eberman, Jean Marie	D.C.	Elliott, Crystal	
Ebie, Mary Frances	Ohio	B.S. 1935, West Virginia University	D.C.
Ebnother, Carl Lutz	Calif.	A.M. 1936, University of Maryland	D.C.
Eccleston, Dorothy Burnap	Kans.	Elliott, Fredericka Jane	Calif.
Echols, Eunice Gaile	Va.	Elliott, Jane Laura	
Eckdahl, Robert Wilson	D.C.	Elliott, John Monet	D.C.
Eckert, Lucia Eugenia	D.C.	A.B. 1942, Stanford University	D.C.
Eckert, Marian Morrison	D.C.	Elliott, Mary Elizabeth	Ill.
Eddy, Clare Conry	D.C.	Elliott, Robert Stanley	Tex.
Edelstein, Muriel Josephine	D.C.	Elliott, Zola Florence	
A.B. 1941, University of Syracuse		B.S. 1936, M.S. 1940, North Texas State Teachers College	Ark.
Ederington, Virginia	D.C.	Ellis, Anne Perkins	D.C.
Edge, Ruth Marianne	D.C.	A.B. 1926, Goucher College	Md.
Edgerton, John D.	Wis.	Ellis, Dorothy Frances	
Edgren, Claude Gordon			



Ellis, Frances Howard	Md.	Ervin, Emma Frances	Md.
Ellis, Mary Kate	Ga.	B.S. 1944, Wilson Teachers College	
Ellis, Mildred Lorraine	D.C.	Erwin, Dorothy Margaret	N.Y.
Elmore, Wm. Stubbs	Va.	Erwin, Saralee	Tex.
A.B. 1944, The George Washington University		Erwin, Wallace Moore	D.C.
Ellsworth, Benjamin	Iowa	A.B. 1942, Princeton University	
Ellsworth, 1919, Grinnell College		Eich, Victor Henry	D.C.
Ellsworth, Homer Smith	Calif.	Eislinger, Charles Edward	Ohio
B.S. 1942, University of Arizona		B.S. in Ed. 1942, Western Reserve University	
Emendorf, Virginia Merle	D.C.	Eislinger, Elizabeth Marie	D.C.
Emea, Louise Wyman	D.C.	Espeiland, Adelaide Lillian	Minn.
B.S. 1935, Northwest Missouri State Teachers College		Espinosa, Mildred Adelaide	D.C.
Emm, Herbert	D.C.	Essman, Leonard Joseph	D.C.
Emm, Faina Rose	D.C.	Estepinal, Robert Anderson	Miss.
A.B. 1942, The George Washington University		Eitchison, William Richard	D.C.
Emm, Solomon		A.B. 1940, Mount St. Mary's College	
Emm, Caroline	D.C.	Eustice, Elizabeth Jane	Va.
Emerson, William Joseph	Md.	A.B. 1939, University of Minnesota	
B.S. 1940, Catholic University of America	N.J.	Evanek, Madeline Marie	Pa.
Emerson, Martha Lucile		Evans, Bruce Andrew	Idaho
A.B. 1941, Missouri Valley College	Mo.	B.S. in Phar. 1941, University of Illinois, Southern Branch	
Emmet, Winthrop Stuyvesant		Evans, Charles Dudley	W.Va.
A.B. 1933, LL.B. 1936, Harvard University	N.Y.	Evans, Dennis Kanode	Va.
Emmer, Betty Louise		Evans, Elaine	Md.
Emmer, Richard Warren	Wis.	Evans, Eleanor	Md.
A.B. 1947, Catawba College	D.C.	Evans, Fay	W.Va.
Emmer, Harold Anthony		Evans, Harold Robert	Mich.
Emmettson, Agnes Victoria	D.C.	Evans, Janet Stokes	Ohio
Emman, Ruth Elizabeth	Minn.	Evans, Margaret Burke	D.C.
Emm, Patricia Goldsmith	Ill.	A.B. 1942, University of California	
Emm, Florence	D.C.	Evans, Ruth Jean	D.C.
Emm, Katherine	N.Y.	Evans, Shirley Louise	D.C.
Emm, Ruthann	D.C.	Eve, Christopher FitzSimon	S.C.
Emm, Lucia Knight	D.C.	Eveland, Cathron Hobbs	D.C.
Emm, Clifton Paul	Ind.	Eventoff, Nathan	N.J.
Emm, Eleanor Cornelia		B.S. 1939, New York University	
Emm, Willard Ryon	Tenn.	LL.B. 1933, New Jersey Law School	
Emm, Marion Lynelle	D.C.	Everett, Ann Shield	Va.
Emm, Bernard	D.C.	Everett, Helen Elizabeth	Va.
B. 1940, M.S. 1942, New York University	Ala.	Everly, Ellen Jane	Pa.
Emm, Florence	N.J.	Everly, Margaret Madonna	Pa.
Emm, Joseph Bernard		Ewen, Sally Lewis	D.C.
B. 1942, The George Washington University	D.C.	Ewers, Melva Mabel	Wis.
Emm, Sareen Ruth	N.Y.	Ewins, Jeanne	D.C.
Emm, Sonia E.		A.B. 1923, A.M. 1930, Ohio State University	
Emm, Clara Ellison	Mo.	Ewy, Constance Magdalene	Minn.
Emm, Arthur William	D.C.	A.B. 1941, The George Washington University	
Emm, Eleanor Grace	D.C.	Eyre, John Douglas	Del.
Emm, Lloyds Diehl	Md.		
B. 1937, Beaver College	D.C.	F	
B. 1942, New York University	N.J.	Fabanich, Antoinette Marie	Md.
Emm, Sylvia Marie		Fabre, Mary Alice	D.C.
Emm, Betsy	N.D.	Faun, Elizabeth Anne	N.Y.
Emm, Beverly M.	D.C.	Fagelson, Anna Phyllis	Va.
Emm, Marjory Smith	S.D.	Faun, Bertrand	D.C.
B. 1932, Kansas University		Fahey, William	D.C.
Emm, John Kenneth	Kans.	Faiella, Lawrence Belmont	D.C.
Emm, Lois Ellen		LL.B. 1926, LL.M. 1927, Brooklyn Law School	
B. 1944, Minot State Teachers College	Md.	Fain, Dena Mae	Miss.
Emm, Nazim	D.C.	Fainstein, Harry Morris	Calif.
B. 1942, The George Washington University		A.B. 1940, University of California at Los Angeles	
B. 1944, Maryland University	D.C.	Fair, Emily Cottrell	D.C.
Emm, Marcia Jean		Fair, Myron Frank	D.C.
Emm, Stephanie	D.C.	Fairbanks, Bernard Russell	Va.
	D.C.	Fairchild, Bettyanne	Va.
		Fairchild, Vida Irene	Va.
		B.S. in Ed. 1933, Temple University	

Fairer, Mozelle Myers	Va.	Feldman, Ida Ruth	D.C.
Faith, Ethelyn Juanita	D.C.	Feldman, Isaac	Va.
B.S. 1939, Tennessee State Teachers College		Feldman, Rossetta A.	Md.
Falconi, Mary Cleoffa	Mass.	Feldman, Ruthe B.	D.C.
Faldenau, Helen Wolverson	N.Y.	Feldman, Sadie B.	D.C.
Faler, Elizabeth L.	Kans.	B.S. 1936, Johns Hopkins University	
Falk, Florence	Va.	A.M. 1940, The George Washington University	
Falk, Marie Claeson	Va.	Feldman, Sydney	Pa.
A.B. 1941, The George Washington University		Feldmann, Albert Aaron	N.Y.
Falkenhainer, Franklin George	Mo.	Feldmayer, Ada Luciel	Nebr.
Falkinburg, Francis Clarence	N.J.	Feldner, Marjorie Jean	N.J.
Falkinburg, Harry James, Jr.	D.C.	Fell, Riley Brown	La.
Fallon, Elizabeth Loraine	D.C.	B.S. in M.E. 1943, Louisiana Polytechnic Institute	
Fankhauser, Robert Kingsley	R.I.	Fellows, Vera Ellen	D.C.
B.S. 1941 Ohio University		A.B. 1927, Colby College	
Fanning, Kathleen Margaret	D.C.	B.S. 1928, Simmons College	
Fant, Jean Marr	Fla.	Fencl, Charles	Ill.
Farber, Esther	N.Y.	Fendig, Philip Franklin	Ind.
A.B. 1943, Brooklyn College		Fendley, Roby Kathryn	Ala.
Fariss, Melvin Kaye	Wash.	Fengr, Howard	N.Y.
A.B. 1935, Whetworth College		Fenn, Camille	D.C.
Farley, Betty Haywood	D.C.	Fennell, Margaret C.	D.C.
A.B. 1939, Converse College		A.B. 1941, Trinity College	
Farmer, Mary Virginia	Va.	Ferguson, Alice Patricia	D.C.
Farmer, Norman Ray	Calif.	Ferguson, Beatrice	D.C.
Farmer, Virginia May	D.C.	Ferguson, Jean Agnes	D.C.
Farr, Ellen Evah	D.C.	Ferguson, Stuart W.	Pa.
Farr, Keith F.	Utah	Ferree, Itha Henrietta	R.I.
A.B. 1941, University of Utah		Ferrill, Grace Cecelia	D.C.
Farrall, Cynthia Terrell	D.C.	Ferris, Betty Jean	D.C.
Farrall, John Clifford, Jr.	D.C.	Ferris, Chalmers Williams	Ohio
A.B. 1939, University of Oregon		B.S. 1943, Mt. Union College	
Farrell, John Fredrick	D.C.	Fetter, Mable Mildred	D.C.
Farrell, Joseph Peter	D.C.	Fetterolf, Evelyn Marie	Pa.
Farrell, Katherine Louise	D.C.	Feuerstein, Maye	Va.
Farrell, Naomi Leona	D.C.	Field, Betty Mae	D.C.
Farrelly, Kathleen Magdalen	N.Y.	Fields, Wanda Nadine	D.C.
Farrer, Lydia Ruth	Ala.	Fifield, Myron Fickas	N.M.
Farrington, Bluebelle Maurine	Md.	B.S. in C.E. 1936, University of New Mexico	
B.S. 1921, Oklahoma Agricultural and Mechanical College		Fike, Evelyn Elizabeth	Md.
Farris, Dorothy M.	Mont.	Fillman, Gwendolyn Rosalie	Nebr.
B.S. 1941, Montana State College		Filsinger, Ruth Isabel	Va.
M.S. 1943, Pennsylvania State College		Finamore, Ardis Woodall	N.D.
Farson, Catherine Josephine	Md.	Finch, Edward Ridley	N.Y.
Fary, Thomas Franklin	W.Va.	A.B. 1941, Princeton University	
Fassett, Annette Mary	Md.	Finch, Irene Johanna	D.C.
Fauteux, Blanche Diane	Va.	Fincher, Winifred Marie	Tex.
Fawcett, Mary Enid	Ohio	Fine, M. Elaine	D.C.
Fay, Eli Perrin, Jr.	Calif.	Fineberg, Freda Sara	Mass.
A.B. 1941, Stanford University		A.B. 1943, University of Chicago	
Fay, Mary Eloise	Calif.	Fineman, Jeannette Goldberg	D.C.
A.B. 1943, William and Mary College		Fink, William James	D.C.
Fazzati, Frank Charles	D.C.	A.B. 1939, De Pauw University	
Feagan, Eugene Riley	Va.	Finkel, Daniel	N.Y.
Featherston, John Smith	Miss.	B.S. 1940, The College of the City of New York	
B.S. 1944, University of Wisconsin		Finley, Catherine Marie	Pa.
Featherstonhaugh, Marcia Jane	Md.	A.B. 1936, College of Misericordia	
Feder, Esther	Va.	Finley, Maria Somerford	Va.
Federmann, Patricia Holmes	Ind.	Finnegan, Elizabeth Marie	D.C.
Fedrizzi, Esther Dolores	Minn.	Finneran, Julia	Me.
Feeney, Thomas Glennon	D.C.	Finnigan, Alice Katherine	Va.
Feick, Mary Katherine	Ohio	Firoliz, Alexander	Md.
Feiler, Maria Elizabeth	Va.	Fischel, Elaine Betty	Colo.
Feitelberg, Janice Helene	D.C.	A.B. 1940, University of California	
A.B. 1943, University of North Carolina		Fischer, Avis Eleanor	N.Y.
Feld, Emily Ann	Tenn.	B.S. 1935, A.M. 1942, Middlebury College	
Feld, Gerald Marvin	D.C.	Fischer, Eleanor Wilhelmina	D.C.
Felder, Clarice Rose	Ill.		
Feldman, Grace Rac	D.C.		

Fish, Joanne Margaret	D.C.	Fobbe, Charles Joseph	Ky.
Fisher, Stephen S.	D.C.	Foerster, Herbert G.	D.C.
A.B. 1943, The George Washington University		Fogarty, Charles Francis	D.C.
Fisher, Allegra Lydia	D.C.	Fogarty, Thomas Patrick	D.C.
Fisher, Daniel H.	W.Va.	Fogg, Norma Maxine	Mo.
Fisher, David	N.Y.	Foley, Eva Barbara	Pa.
B.S. 1941, Brooklyn College		Foltos, Joseph Carl	D.C.
Fisher, Edward George	D.C.	Fonda, Donald A.	D.C.
Fisher, Elizabeth Pearl	N.C.	Fonner, Violet Ella	D.C.
Fisher, Ethel Mae	Mass.	Fookson, Abraham	N.Y.
Fisher, Judith Marie	Wis.	B.S. 1937, The College of the City of New York	
Fisher, Kurt Fritz	N.J.	Foot, Elizabeth Ann	D.C.
Fisher, Lucille Martha	Wis.	Foraker, Julia Benson	Pa.
Fisher, Marilouise	Pa.	Forbes, Josephine	D.C.
Fisher, Sarah Louise	W.Va.	Forbes, Rosina Louie	D.C.
isk, A. Rebekah	Va.	Ford, Evelyn Jean	W.Va.
ike, Julianne	Calif.	Ford, Forrest Adams	Nebr.
itez, Geraldine Marie	Md.	A.B. 1931, University of Minnesota	
A.B. 1929, Washington College		Ford, Fred Langley	Va.
tte, Pauline Parais	Va.	Ford, Glenrose Bernice	D.C.
tz Gibbons, Jane Elizabeth	N.Y.	Ford, John Archie, Jr.	D.C.
tzpatrick, Alice Ward	D.C.	Foreman, Darhl Lois	D.C.
tzpatrick, Kathleen Ellen	Ill.	Foreman, La Von S.	Ind.
tzsimmons, James E.	Calif.	B.S. 1928, Ball State Teachers College	
tzsimmons, Mary Lew	Va.	Forkner, Leone Irma	Wis.
A.B. 1944, The George Washington University		Fornal, Theodore	N.J.
zwatner, Bruce Ellison	Oreg.	Forrister, Robert Morris	Mich.
uck, William Marshall	Tenn.	B.S. 1941, Antioch College	
deland, Eleanore Gustava	N.D.	Forster, Clifton Bowman	Calif.
B.S.S. 1933, Northwestern University		Forster, Elizabeth Catesby	D.C.
erty, Edward Aloysius	N.J.	Fort, Sallie Bacon	D.C.
B.S. 1942, Seton Hall College		Fortney, Robert Carl	D.C.
erty, William C.	D.C.	Fortune, Evelyn Mary	D.C.
A.B. 1930, Georgetown University		Fosler, Constance Louise	Ind.
nagan, Adelaide Courtney	Va.	A.B. 1944, Earlham College	
nagan, Lucile Borden Tennant	Tex.	Fossat, Albert Joseph	Utah
nity, Daisy Cecile	D.C.	Foster, Edward L.	Md.
t, Hazel Logan	Mich.	LL.B. 1941, Columbus University	
r, Fred George	Md.	Foster, Elverta Harria	D.C.
B. 1932, University of Cincinnati	Ohio	Foster, Georgie Morse	Minn.
LB.A. 1935, Harwood College		Foster, Julius Elihu	D.C.
schfarb, Alexander	N.J.	LL.B. 1924, Duquesne University	
LB. 1944, Washington College of Law		Foster, Marie Louise	Nebr.
chman, Beatrice	D.C.	Foster, Myrtle Gene	D.C.
chman, Ruth	D.C.	Foster, Ralph W.	Md.
B. in Ed. 1940, The George Washington University		A.B. 1941, The George Washington University	
ing, Ellen Cornelia	Mass.	Foster, Thomas	Wis.
ing, Julia Bernice	D.C.	A.B. 1941, University of Wisconsin	
ing, Laura Mae	N.D.	Foster, William John	Ind.
ing, Lester L.	D.C.	Fote, Rosalind Mary	N.Y.
ing, Mary Alice	N.J.	Fotoubi, Agnes Ryman	N.C.
ing, Neva Bernice	D.C.	Fournier, Roland M.	Maine
ing, Robert Walton, Jr.	N.J.	Foutz, Leslie Robert	Pa.
ing, Rosemary Therese	D.C.	Fowler, Delora Leone	D.C.
er, Robert Foster	Va.	Fowler, Marion Stephenson	S.C.
Elizabeth Akers	D.C.	B.S. 1932, The Citadel	
Otis Russell	D.C.	Fowler, Mary Catherine	Mont.
George M., Jr.	Va.	A.B. 1931, University of Minnesota	
B. 1940, Harvard University	D.C.	Fowler, Mary Elizabeth	Pa.
Lucille Brackett	Mass.	LL.B. 1938, Washington College of Law	
1943, Goucher College	Md.	Fox, Dora Convisser	D.C.
Margaret Elizabeth	Miss.	Fox, Floyd Martin	Ohio
1938, Mississippi State College for Women		Fox, Roy E.	D.C.
Thomas Hayes	D.C.	Fox, Saul Aaron	D.C.
in Ed. 1935, Buffalo State Teacher's College		Fox, Velma Annette	D.C.
n, Martha Louise	Va.	Fox, Wanda Belle	D.C.
		Foxworth, Rebecca Ann	Miss.
		Foy, Lewis Wilson	Pa.
		Frachetti, Candida	N.Y.
		Fraitas, Ann Marguerite	Calif.



Frampton, Hugh MacNash, Jr.	Md.	Friedrich, Fredrick Arthur	Ohio
Franck, Katharine Latta	Pa.	A.B. 1943, Youngstown College	N.Y.
A.B. 1944, Bryn Mawr College	Ark.	Friend, Berta	D.C.
Frank, Helen Pauline	D.C.	B.S. 1941, New York University	Ind.
Frank, Phyllis Laureen	D.C.	Friend, Norman Harold	D.C.
Frank, Jean Lucille	D.C.	Fröelich, Kathryn	N.Y.
Frankel, Morris	D.C.	A.B. 1942, Evansville College	Okla.
Franklin, Alma	D.C.	Frohman, Mary Satterlee	D.C.
Franklin, Zilpha Jane	D.C.	Froman, Seymour	N.Y.
Franks, Diane	D.C.	Frost, Ervadine L.	Okla.
Franks, Mary Carolyn	Miss.	Frost, George Edward	D.C.
Franks, Ruth Ann	Minn.	B.S. in E.E. 1940, Illinois Institute of Technology	Iowa
A.B. 1944, College of St. Benedict	Minn.	Frost, John Dean	Md.
Frants, La Verne Ardelle	D.C.	Frounfelter, Ann Mariah	D.C.
Fraser, Andrew, Jr.		Fry, Edward Merrick	
B.S.C. Eng. 1924, St. Andrews, Dundee, Scotland		A.B. 1931, Rice Institute	
A.M. 1936, The George Washington University	P.R.	Ph.D. 1938, University of Virginia	Mich.
Frasqueri, Eduardo Rafael	D.C.	Fry, Margaret Isabella	Iowa
Fray, Alice Iola	Ohio	A.B. 1939, University of Michigan	
Frazer, Elizabeth Jane	Ark.	Fry, William Frederick	Calif.
Frazier, Atta M.	Ga.	B.S. 1943, Iowa State College	
Frazier, Cary Lewis	D.C.	Fuller, Douglas Raymond	
Frazier, Donald Benjamin		A.B. 1928, M.B.A. 1930, Stanford University	D.C.
A.B. 1943, The George Washington University	Ala.	Fuller, Jay Robert	D.C.
Frazier, Doris Elizabeth	D.C.	Fullerton, Serena Nicoleene	D.C.
Frazier, Dorothy Pauline	Mass.	Fullore, Willie Sue	D.C.
Frechtman, Miriam Isenman	D.C.	Fulton, Mary Alice	Va.
Fredsall, Genevieve Elizabeth	D.C.	Fulurider, Elizabeth Margaret	Ala.
Freedman, Miriam Claire	D.C.	Fundsburk, Emma Lila	
Freedman, Selma Tolda		A.B. 1944, The George Washington University	D.C.
A.B. 1940, The George Washington University	D.C.	Funkhouser, Earl Maxwell	Va.
Freehafer, Marian E.		Fursdow, Doris Rogers	Tex.
A.B. 1940, The George Washington University	D.C.	Fury, Charlie Mae	N.C.
Freeman, Alfred	Pa.	Fyne, Martha Elizabeth	
Freeman, Ellen Greenwell	D.C.		G
Freeman, Hazel	Va.	Gabbe, Doris	D.C.
Freeman, Lawrence Dudley	Mass.	Gabbert, Jesse Magee	Minn.
Freeman, Marian Virginia	Del.	A.B. 1936, The George Washington University	
Freeman, Mary Eleanor	D.C.	Gabella, Jean Irene	D.C.
Freest, Jocelyn Alice	Md.	Gaberman, Robert	D.C.
Freimonth, Roberta E.	Tex.	Gade, John	D.C.
Frelinghuysen, Anne	D.C.	Gaegler, Anna May	N.J.
French, Baird Miller	Va.	Gaeta, Armida Mary	D.C.
B.S. in C.E. 1930, University of New Mexico		Gage, Lawrence Atlee	
French, Judson Cull	Md.	A.B. 1928, The George Washington University	D.C.
B.S. 1941, American University	Kans.	Gaines, William Embrey	D.C.
Frenn, Adele Marguerite	D.C.	Galison, Joselyn M.	W.Va.
Freseman, Virginia Custis	D.C.	Gall, Amos Hamilton	Va.
Frey, Lewis Leslie		Gall, John Christian, Jr.	D.C.
Ph.C. 1932, Creighton University	Va.	Gallagher, Charles Frederick	Pa.
Fridinger, Arthur Boteler, Jr.	D.C.	Gallagher, Elizabeth Genevieve	D.C.
Fried, David M.		Gallagher, Nadine Lane	
A.B. 1928, The College of the City of New York		LL.B. 1935, Washington College of Law	D.C.
LL.B. 1931, Columbia University	D.C.	Gallahan, Betty Jane	Md.
Friedman, Charlotte Pearl	Pa.	Gallaher, Charles Alexander	Conn.
Friedman, Evelyn Lea	D.C.	Galligan, Mary E.	Wyo.
Friedman, Gerald	D.C.	Gallivan, Frank Murray	
Friedman, Gertrude		A.B. 1942, University of Wyoming	Ill.
B.S. 1944, The George Washington University	N.Y.	Gallivan, Marjorie Frances	N.J.
Friedman, Goldie	D.C.	Gallo, Ruth Elsie	N.C.
Friedman, Ina	D.C.	Galloway, Esther Augustine	Md.
Friedman, Joyce Barbara	Ga.	Galloway, Henry Crane	Wash.
Friedman, Lucille Rosenfeld	N.Y.	Gallup, Marie Catherine	Md.
Friedman, Murray	Md.	Galt, Lowell Truman	
Friedman, Shirley Liby		A.B. 1933, Coe College	Va.
		Galt, Virginia Ward	

Gambill, Dora Frances	Ark.	Geiger, James Gordon	Ill.
Ganns, Elizabeth Fraser	Va.	Geiger, Jason	D.C.
Garber, Jacqueline	Md.	A.B. 1943, The George Washington	
Garber, Joseph N.	D.C.	University	
Garcia, Adela Cecelia	N.Y.	Geigre, John H.	Va.
Garcia, Ann Marie	Wyo.	A.B. 1929, The George Washington	
Garcia-Diaz, Jessie	D.C.	University	
Garcia, William Rey	D.C.	Geiger, Leora Amelia	D.C.
Garcia-Rey, Olga	D.C.	Geiger, Ruth Sylvia	D.C.
Gardner, Leland Grisier	Mich.	Geissler, Felix Dietzmann	Md.
LL.B. 1914, A.M. 1940, University		B.S. 1933, Lynchburg College	
of Michigan		Geissler, Mary Elizabeth	Md.
Gardner, Marie Bruen	Va.	Geleniter, Frances Maria	N.J.
Gardner, Ronald MacGregor	D.C.	B.S. 1943, New Jersey State Teachers	
Gardner, Walter Curtis	Mass.	College	
B.S. in E.E. 1942, Northeastern		Geller, Gabrielle	N.J.
University		Gempering, William Graepon	Pa.
Gardner, Wanita	Md.	B.S. 1931, Franklin and Marshall	
Gareau, Rudolf	Mass.	College	
Garfield, Elvin Burris	Utah	Gendason, Milton Samuel	D.C.
Garulinski, Ellen	D.C.	Geneau, Camille Marion	Fla.
Garland, Priscilla Allen	Va.	B.S. 1930, Florida State College for	
Garman, Ruthe Esther	Pa.	Women	
Garmany, Leatha May	D.C.	Generelly, Richard Fleury	D.C.
Garmon, Mary Marjorie	Fla.	Genereux, Fleurette Louise	D.C.
Garmon, Harriette Leona	Va.	Genna, Joseph	N.Y.
Garner, Edith Lillian	N.C.	Genz, Louise	D.C.
Garner, Robert Williamson	Va.	George, Alethea	Md.
A.B. 1922, Randolph-Macon College		George, Joseph Siman, Jr.	Md.
Grafalo, Catalino Gary	Mass.	George, Regis Frederick	D.C.
Grarrett, Marie Gertrude	D.C.	George, Wesley Reese	Va.
B.S. 1936, New York University		George, William C.	Ill.
Grarrett, Patricia Ann	D.C.	Geran, Ruth Iris	D.C.
Grarrison, Arthur, Jr.	Ohio	A.B. 1944, American University	
Grarrison, Evelyn Virginia	N.Y.	Gerber, Margaret Amoinette	Mass.
Grason, Helen Perlman	D.C.	A.B. 1930, A.M. 1935, Wellesley Col-	
Grathune, Robert Sylvester	Mass.	lege	
B.S. 1929, South Dakota State College		Gerber, Wayne Surridge	Ohio
M.S. 1941, University of Colorado		B.M.E. 1933, LL.B. 1940, Ohio State	
Graver, Lillian M. Gaye	D.C.	University	
Grassina, Franklin J.	D.C.	Gering, Joan	N.J.
Grass, Edmund Cody	Tenn.	German, Margaret Elizabeth	W.Va.
A.B. 1927, Carson-Newman College		Gerring, Fred Howard	Mass.
A.M. 1931, University of Tennessee		Gersch, Harold Arthur	D.C.
Graton, Charles William	Ala.	Gerson, Nathaniel Charles	Tex.
A.B. 1943, University of Alabama		B.S. 1941, University of Puerto Rico	
Graton, Rhoda Rachel	W.Va.	Gerstein, Shirley Lillian	D.C.
Graves, Charles Edgar	D.C.	Gersten, Charles D.	Conn.
Graves, Doris Scaife	La.	A.B. 1943, The George Washington	
Graves, Val Andrew	Va.	University	
B.S. 1936, University of California		Gessford, Barbara Alice	Md.
Graves, William Baxter	Va.	Gessford, Margery	Md.
Grhaman, Billie Iris	Iowa	Gettys, Mary Lee	S.C.
Grishett, Ellen	Tex.	B.S. 1939, Winthrop College	
Grishett, Helen	Md.	Getz, Eva Kathryn	Pa.
B.S. 1930, Mt. Holyoke College		Getz, Noah Zimmerman	Pa.
M. 1942, Mills College		B.S. in M.E. 1941, Pennsylvania	
Grathleen Lucille	Miss.	State College	
B.S. 1931, Mississippi State College		Geyer, Gerald John	Md.
for Women		Grang, Paul Adam	D.C.
Gr, Jean F.	Wash.	Gibb, Duncan Chapin	Va.
B. 1930, Eastern Washington		LL.B. 1940, University of Virginia	
College		Gibb, Eleanor Katherine	Pa.
Gr, Robert Edward	N.J.	Gibbs, Beatrice Esther	Mass.
B. 1940, Rutgers University		Gibson, Bertha	Mass.
Gr, Gertrude Clarissa	D.C.	Giblette, John Franklin	Mass.
Gr, Morris	N.J.	Giblin, Catherine Jane	Conn.
B. 1934, Duke University		Giblin, Mildred Olive	Oreg.
Genevieve Riordan	Pa.	Giblin, Rosemary Elizabeth	N.Y.
George Leonard	D.C.	Gibson, Gloria Gail	D.C.
B. 1943, The George Washington		Gibson, Helen Elizabeth	D.C.
University		Gibson, William Arthur	D.C.
Gr, Ruth Elizabeth	Wis.	Giffin, Alexandra Edith Macey	D.C.

Giglio, Nancy Ida	Md.	Gold, Lillian	Wis.
Gilbert, Constance Marie	D.C.	Goldberg, David	Va.
Gilbert, Ralph Wilmer	D.C.	Goldberg, Erika Lore	D.C.
Gilbert, Stanley Ormand	Wis.	Goldberg, Faye	D.C.
Gildenhorn, Blanche	D.C.	Goldberg, Frances Hollis	D.C.
Giles, Martha Leigh	N.Y.	Goldberg, Harold	N.Y.
Gill, Jean Marie	D.C.	Goldberg, Phyllis	D.C.
Gill, Myrtle Dorothy	N.J.	Golden, James Lawrence	D.C.
A.B. 1943, New Jersey College for Women		Golden, Ruth Marie	D.C.
A.M. 1944, Tufts College	Va.	Goldenberg, Lynn Kaufman	D.C.
Gillespie, Alma Ann	D.C.	Goldenberg, Seymour	N.Y.
Gillespie, Kenneth R. M.	Tenn.	Goldensohn, Sidney Sorrol	D.C.
Gillespie, Mary Abbie		A.B. 1942, The George Washington University	D.C.
B.S., A.M. 1933, George Peabody College for Teachers	Pa.	Goldman, Lenore	Va.
Gillespie, Rose Alma	Oreg.	Goldman, Mildred	D.C.
B.S. 1943, Pennsylvania State College		Goldman, Shirley Ruth	D.C.
Gillespie, Tyrone	Ill.	Goldsbrough, Camilla Warfield	D.C.
LL.B. 1939, Willamette University	D.C.	Goldsmen, Faiga Fay	D.C.
Gilliland, Charlotte Jean	Md.	Goldsmith, Dorothy Harcourt	N.Y.
Gilliland, Dorothy Bishop	D.C.	Goldsmith, Geneva Carter	Va.
Gilmore, John Peter	D.C.	Goldstein, Ethel Lee	N.Y.
Giloane, William	D.C.	Goldstein, Harold T.	N.Y.
Gilstrap, Gloria Marie	D.C.	B.S. 1932, M.S. 1933, College of the City of New York	Md.
Gimbel, Shirley	D.C.	Goldstein, Irvin	D.C.
Gimpel, Albert Michael	Va.	Goldstein, Maxine Isabel	N.Y.
Gingell, Vernon Ragan	D.C.	Goldstein, Norman Philip	
Gingold, Malcolm Albert	Utah	A.B. 1941, New York University	
Giovacchini, Joseph Martin	D.C.	A.M. 1942, The George Washington University	N.Y.
Giovannetti, Mary Florence		Goldstein, Walter Carl	Va.
B.S. 1944, Wilson Teachers College	D.C.	Goldswag, Herbert	
Girdner, Doris Louise	D.C.	B.E.E. 1938, College of the City of New York	
Gish, Helen Pauline	Va.	M.E.E. 1940, Brooklyn Polytechnic Institute	P.R.
Gitlan, Barbara Ann	D.C.	Gomez, Carlos M.	D.C.
Given, Eric	Md.	Gonzalez, Ana Maria	Calif.
Givens, Betty Sue	N.Y.	González, Rudolph Manuel	
Glaser, Herman		A.B. 1942, University of California at Los Angeles	Calif.
A.B. 1943, Brooklyn College	D.C.	Good, Dorothy June	Ohio
Glashen, Francis James		Good, Frederick Dale	
A.B. 1933, Ph.D. 1940, Yale University	Iowa	A.B. 1943, Otterbein College	Kans.
Glass, Gwendolyn Maria	Wis.	Goodger, Virgie Evelyn	N.Y.
Glass, Mary Jane	Okla.	Goodhart, Arnold Manning	
Glass, Norman Filmer		B.S. 1943, Wagner College	Maine
A.B. 1937, Oklahoma City University	Tenn.	Goodine, Geraldine Mae	Pa.
LL.B. 1941, University of Oklahoma	D.C.	Goodley, Lillian May	Oreg.
Glasscock, Thomas Ray	N.C.	Goodman, Betty Jean	D.C.
Glasser, Mildred Lynn	Conn.	Goodman, Eileen Levin	
Glazier, Anne Andrea	D.C.	A.B. 1944, University of California at Los Angeles	Ark.
Glazier, Ida Lewis	D.C.	Goodman, Elizabeth Josephine	
Gleason, Donald Hastings	Ohio	A.B. 1938, Henderson State Teachers College	Ky.
Gleich, Loretta Jean	Ala.	Goodman, Julian Byrn	Pa.
Glenn, Anne Barbara		Goodman, Rebecca	D.C.
A.B. 1939, Brenau College	Fla.	Goodman, Rhoda Patay	Okla.
Glenn, Gloria	D.C.	Goodman, Theda Coren	Va.
Glew, Donald Henry, Jr.	Tex.	Goodrich, Ernest Whitmore	
Glock, Waldo Sumner, Jr.	Mass.	A.B. 1935, College of William and Mary	
Glover, Mary Butler	Va.	LL.B. 1938, The George Washington University	Calif.
Glover, Sarah Elizabeth	D.C.	Goodridge, Richard Samuel	Md.
Gloyd, Mary Caroline	D.C.	Goodwin, Kathleen Goodwin	D.C.
Glunt, Elmer Merle	Va.	Goodwin, Lenore Gloria	D.C.
Gnash, Stephen Jefferson III	Pa.	Gould, Louise Stewart	D.C.
Gochenour, Thelma Virginia	D.C.	Gordon, Anne Lillian	N.C.
Goddard, Elaine Fern	D.C.	Gordon, Austin Robbins	Md.
Goddard, Janetta Haynes		Gordon, Clara Irene	
Godfrey, Emily Anna May	Ill.		
B.S. 1928, University of Pennsylvania	Del.		
Godwin, Lemeta	D.C.		
Godwin, Francis Edwin			
Goff, John Clifford			
Gold, Harold Kenneth			



Gordon, Daniel	D.C.	Green, Lester Bertleson	Calif.
Gordon, David Stuart	D.C.	B.S. 1943, Idaho Southern University	
A.B. 1941, The George Washington University		Green, Margaret Jane	D.C.
Gordon, Edith Louise	D.C.	Green, Mary Nancy	Va.
Gordon, Franeyne	D.C.	A.B. 1943, Agnes Scott College	
Gordon, Henriette J.	Mich.	Green, Myra Jaskulek	Ohio
Gordon, Margaret F.	D.C.	Green, Nathan	Va.
Gordon, Shirley Marie	Wis.	B.S. 1944, The George Washington University	
Goss, Carlton Bartlett	Mass.	Green, Oliver McBroom	D.C.
Gossler, Ada Elizabeth	Pa.	Green, Rachel Miriam	D.C.
A.B. 1940, Albright College		Green, Roy Chester	Tex.
Gottlieb, Howard Bernard	Maine	B.S. in E.E. 1937, University of Texas	
Gott, Charlotte Thomas	N.C.	Green, Shirley Mae	Va.
Gottlieb, Elizabeth Ann	Md.	Green, William Oliver	D.C.
Gottlieb, Sylvia Brownsteen	N.Y.	Greenbank, Richard Kelly	Va.
A.B. 1942, Hunter College		Greene, Jesse Lester	D.C.
Gould, George Marvin	N.Y.	Greene, Jewell Idalene	N.C.
Gould, Janis	Ark.	Greene, Katherine Virginia	Va.
Gousorchik, Anna Margaret	D.C.	Greene, Libby Longman	Va.
Gove, Bobbetta Gwendolyn	Idaho	Greene, Morris Alexander	D.C.
Grabel, Wilda J.	D.C.	B.S. 1942, George Williams College	
Grace, Jesse Lee	Ark.	Greene, Nita Eugenia	S.C.
Grady, Alice Wilson	Ga.	B.S. 1941, Catholic University of America	
Grady, Florence Margaret Moran	Fa.	Greene, Patricia Ross	Va.
B.S. in Ed. 1938, Marywood College		Greene, Phyllis Elizabeth	Calif.
Grady, Norman Henry	D.C.	A.B. 1941, University of California	
Grady, Stafford Robert	Mich.	Greene, Richard Louis	Md.
A.B. 1943, The George Washington University		Greenfield, Ethel	Fa.
Graeber, Edward John	N.Y.	Greenfield, Ray Herbert	Mich.
Graeber, Wilma Anne	N.Y.	B.S. 1937, University of Maryland	
Graham, Betty Ann	Va.	Greenhaus, James	D.C.
Graham, Edith	N.Y.	LL.B. 1940, St. John's University	
Graham, Eunice Marguerite	D.C.	Greenleaf, Dodd Keefer	Ind.
Graham, Joseph Allen	D.C.	Greenman, Frank Pierce	Va.
Graham, Nancy Maxine	Ind.	Greenspan, Lorraine	D.C.
Graham, Sarah Willets	Nebr.	Greenstadt, Helen	N.Y.
Graham, Walter James	Pa.	A.B. 1940, Hunter College	
Graim, Richard Joseph	Md.	Greenwald, Leanne Klein	N.Y.
Grainger, Sarah Ann	Miss.	Greenwald, Myron	D.C.
Grainger, Clifford Robert	D.C.	B.S. 1939, College of the City of New York	
Grainger, Patricia Laura	D.C.	Greenwell, E. May	D.C.
Grant, Charles Randall	D.C.	Greenwell, Robert Holmes	D.C.
Grant, Charnian Ernestine	D.C.	Greer, Thomas Jefferson	D.C.
Grant, Donald Henry III	D.C.	Greig, Phyllis Pearson	Conn.
Grant, Sallie Jo	Tex.	Gregor, Muriel Marie	Ohio
Graham, Joe Powell, Jr.	Va.	Gregory, Anna Katherine	Ind.
Grasser, Emil Ernst, Jr.	D.C.	Gregory, William Ellis, Jr.	Va.
Graubard, Stephen Richards	D.C.	Greig, Aline Corton	N.Y.
Graus, Hyman	D.C.	Greig, John Henry	N.Y.
Graves, Ada Belle	D.C.	A.B. 1941, Cornell University	
Graves, E. Boyd	Va.	Greller, Nelson P.	D.C.
A.B. 1932, A.M. 1935, College of William and Mary		B.S. in C.E. 1933, New York University	
Gray, Ann Agatha	D.C.	Grenan, Marie Margaret	Md.
Gray, Barbara Lane Fitzhugh	Va.	Grev, Janice Levy	D.C.
A.B. 1944, University of Richmond		Grieff, Ruth Minerva	N.Y.
Gray, John Morris	N.C.	Griesemer, Edward Thomas	Md.
A.B. 1935, The Citadel		Griffin, Amy Eastman	Wis.
Gray, John Thomas	D.C.	A.B. 1912, Milwaukee-Downer College	
Gray, Verna Venneberg	Wash.	Griffin, Blanche Louise	Va.
Rayson, Lorna	Va.	B.S. 1938, Madison College	
Reaver, Vernon Elmer	D.C.	Griffin, Kathleen Mary	Newfoundland
Reaves, Harley C., Jr.	Idaho	Griffin, Madge Cleta	D.C.
Reaves, Howard Pendleton	Idaho	Griffin, Mary Margaret	Va.
B.S. in Phar. 1942, Idaho Southern University		Griffin, Ruth Sylvia	D.C.
Rebenkemper, Clifford John	Ohio	A.B. 1942, Stanford University	
Reben, Arleigh William	Md.	Griffis, Dorothy Jean	D.C.
Reben, Enid Caldwell	S.C.	Griffith, Betty Rose	N.J.
Reben, Gerald	Pa.		

Griffith, Katherine Elenore B.S. 1932, M.S. 1936, University of Pennsylvania	Pa.	Gurray, Helen A.B. 1936, Goucher College	Md.
Griffith, Richard Darrel	W.Va.	Gussman, George A.B. 1940, Brooklyn College	N.Y.
Griffiths, Mary Cecelia	Va.	Gustafson, Jean Anne	D.C.
Grieg, Ida Josephine	D.C.	Gustafson, Jean Dovell	D.C.
Griggs, Lorraine	D.C.	Gustafson, Joan Clara	D.C.
Grigaby, James Robert	D.C.	Gustafson, Sylvia Ann	Pa.
Grigaby, Roberta Josephine	Va.	Gussman, George	N.Y.
Grillo, Frances Joyner	D.C.	A.B. 1940, Brooklyn College	W.Va.
Grim, Luther Mathias	D.C.	Guthrie, Susan Booker	
Grimes, Evelyn Mae	Va.	A.B. 1943, Agnes Scott College	Ohio
Grimes, Winifred Wright	D.C.	Guttadore, Nina Theresa	N.Y.
Grimm, Glen Rossel	D.C.	Guttchen, Florence Edna	
Grimm, Mary Ann	Conn.	A.B. 1944, Skidmore College	N.J.
Grissold, Augustus Wharton B.S. in E.E. 1940, Duke University	Md.	Guttormsen, Kathlyn Lily	Kant.
Grissold, Estelle Trebert	Russia	Gyarfas, William James A.B. 1942, University of Kansas	
Gritzanov, Ivan Andreevich	Ohio		
Groat, Barbara Helen	D.C.	II	
Grober, Doris Aline	D.C.	Haar, Ann Frances	Va.
Grobmeier, Isabelle Frances	N.Y.	Haas, Kenneth Brooks	Va.
Grodetsky, Meyer	Va.	Habib, Edward Thomas B.S. in Ed. 1940, Kutztown State Teachers College	Pa.
Grogan, John Barry	D.C.	Hackett, Joseph Henry	England
Grogan, Stanley Joseph	D.C.	Hackett, Marjorie Lee B.S. 1940, University of Maryland	Md.
Gross, Isidor	Miss.	Haddock, Margaret Pratt	Va.
A.B. 1937, Brooklyn College	N.Y.	Hadjian, Robert Krikor	Mass.
Grossman, Carmen E.	Pa.	Haff, Gladean A.	Ohio
Grossman, Yetta		Haffey, Patricia Anne	Nebr.
Grove, Leon Rene B.S. 1944, University of Pittsburgh	Md.	Hagan, Ruth Kathleen	Calif.
Grover, George Maurice	D.C.	Hager, Gordon Vincent A.B. 1929, University of Nebraska	N.Y.
B.S. 1941, University of Washington	N.Y.	M.B.A. 1931, Harvard University	
Gruenewald, Marjory Scott		Hagny, Gladys N.	S.D.
Gruenberg, Harold	Va.	Hahn, Regis Mary B.S. 1935, Nazareth College, Rochester, N. Y.	D.C.
A.B. 1944, The George Washington University		Hains, Mary Jenkins	D.C.
Grundstein, Nathan David	N.Y.	Haji, Sumiko	Va.
A.B. 1945, M.S. 1936, Columbus University	Md.	Hake, Lucile May	Ohio
Ph.D. 1943, Syracuse University		Hakundy, Signe Esther B.S. 1939, Miami University	N.Y.
Grusky, Reuben	N.Y.	Halberstadt, Nathaniel Herbert	N.Y.
Ph.B. 1918, Yale University		Hale, Frances	D.C.
Guandolo, Joseph	N.Y.	Hale, Roger Curtis	Mich.
A.B. 1928, McKendree College	N.Y.	Haley, Bernice Cooper B.S. 1930, Michigan State College of Agriculture and Applied Sciences	Ark.
J.D. 1931, University of Illinois	Mass.	Haley, John Thomas, Jr. A.B. 1941, Arkansas Agricultural and Mechanical College	Va.
J.D. 1932, Yale University	Del.	Haley, Martha Ernestine A.B. 1934, Emory and Henry College	Wis.
Gudzin, Martin Gerald	Miss.	Haling, June Marie	Tenn.
Guerin, Bernard	D.C.	Hall, Angie Maxine	D.C.
B.S. 1944, Louisiana State University		Hall, Anna May	Md.
Guerra, Grace	Pa.	Hall, Betty Carolyn	D.C.
Guerra, Serafin Lawrence	N.J.	Hall, Blanche Ann	Ill.
Guefferd, Rose-Jean	Va.	Hall, Dorothy M.	D.C.
Guess, Mary Juanita	D.C.	Hall, Evelyn B.S. 1940, West Virginia University	Ark.
Guess, Theresa Marguerite		Hall, E. Juanita	D.C.
Guggenheim, Melvin E. A.B. 1922, University of Michigan		Hall, Glenn McKernon	Utah
Guillet, Mary Harriet	D.C.	Hall, Harold E.	
Guiney, John Edward	Pa.	B.S. 1938, Utah State Agricultural College	
Guiner, Thomas Warren	N.Y.	M.S. 1943, Stanford University	Va.
Gunther, Ralph Thomas B.S.C. 1930, Temple University	N.C.	Hall, James Dulaney	D.C.
Gulick, Rennie Simpson	Md.	Hall, Jane Thoma	
Gulley, Richard Lee	D.C.		
Gullia, Carmen Henrietta B.S. 1942, University of Akron	Ohio		
Gullo, Mary Blanche			
Gump, Hazel Peterson A.B. 1933, University of North Carolina	N.Y.		
Gunderson, Minnotte Myrna B.S. 1924, University of Illinois	N.C.		
Gunnino, John Emmett	Md.		

Hall, Jonathan A.B. 1935, Rollins College A.M. 1938, Gallaudet College	D.C.	Hancock, Margaret Mary Hand, George Mervin Handler, Murray	Tex. D.C. D.C.
Hall, Lawrie Fay	D.C.	Handley, Helen Agnes	N.Y.
Hall, Mabel Elizabeth	N.Y.	Handy, Elsie Bruce	Md.
Hall, Marion DeFries A.M. 1941, The George Washington University	Va.	A.B. 1937, The George Washington University	D.C.
Hall, Martha Jane	Pa.	Hanes, Betty Ruth	Ohio
Hall, Mary Clare	D.C.	Haney, Charles Joseph	D.C.
Hall, Mary Webb	D.C.	Haney, Louise	Kans.
Hall, Mervin Gatewood	D.C.	Haney, Stanley Evans	D.C.
Hall, Para Jean A.B. 1942, University of California at Los Angeles	Calif.	Handford, Ann Carole	Va.
Hall, Phyllis Anne	D.C.	Hangen, Ruth Fitt	D.C.
Hall, Rosine G.	N.Y.	Haniotis, Machie	Md.
Hall, Sheldon Franklin B.S. 1936, Virginia Polytechnic Institute	W.Va.	Hankey, Marion M. A.B. 1944, The George Washington University	Md.
Hall, William Darlington B.S. in E.E. 1934, M.S. in E.E. 1935, E.E., 1940, West Virginia University	Va.	Hanks, Beatrice	Colo.
Hall, Wilson Luther A.B. 1943, College of Wooster	D.C.	Hanley, Katherine Wallace A.B. 1944, Westhampton College	D.C.
Hallam, Henry Charles, Jr.	Md.	Hanna, Jane Edwards	D.C.
Hallam, Phyllis Sybil	Va.	Hanna, Robert Emmett	D.C.
Halliday, Christine Rhoda	D.C.	Hanna, Rosilla Bessie	D.C.
Halliday, John Trimble	D.C.	B.S. in Ed. 1933, Ohio State University	
Halliday, William Ross, Jr.	D.C.	Hannebaum, Janice Ray	Okl.
Hallman, Pauline Pearl	Va.	Hanowell, Ernest Goddin	D.C.
Halpern, Gloria	D.C.	Hanrahan, Margaret Anita	D.C.
Halsey, Jean Louise	N.Y.	Hans, Lillian	D.C.
Halsestead, Whitney Boyd	Iowa	Hansberger, Frances Ethelyn	Va.
Halter, William Lee	Kans.	Hansel, Roger Elmer	D.C.
Lambidge, Deborah	Md.	Hansen, Caroline Lee	Va.
Lamblin, Barbara	D.C.	Hansen, Emilie Elizabeth	Okl.
Lamblin, Helen Lois	D.C.	Hansen, James Harold	Md.
Lamburger, Ada Minna	D.C.	Hansen, Margaret Carolina	D.C.
Lamilton, Angelina Bartoli	Wis.	Hanson, Geraldine M. B.S. 1943, University of Minnesota	Minn.
Lamilton, Edwin Earl	Canada	Hanson, Jean Lavonne	D.C.
Lamilton, Marian Jean	Ala.	Hanson, Katherine Lillian	Va.
Lamilton, Paul Key B.S. 1942, Birmingham-Southern College	Va.	Hanson, Lyle Eugene Ph.B. 1942, Northland College	D.C.
Lamilton, Verna Steines	Iowa	Hanson, Mars Wiggins Ph.B. 1934, University of Chicago	Va.
Lamler, Dollie Ruby	Wis.	Hanson, Robert Milton	Md.
Lamin, Edmund Tarr Ph.B. 1926, University of Wisconsin	Va.	Hanson, Roy Andrew	Maine
Lamm, Louis George	Va.	Harde, Dudley Brown A.B. 1927, Yale University	D.C.
Lamm, Norma Esther	Va.	Harder, Doris Elaine	Md.
Lammer, Bettylou Johanna	S.D.	Hardesty, Helen Elizabeth	D.C.
Lammerle, Betty Kate A.B. 1935, Western College	Ohio	Hardie, Philis Eleanor	D.C.
Lammerly, George Preston	D.C.	Hardin, Perry Rhodes	Md.
Lammerla, Nancy Jane	D.C.	Harding, Evelyn Louise	D.C.
Lammond, Rhoda Elizabeth	Tex.	Hardman, Ruth Oren	W.Va.
Lammond, Georgina Louise	Va.	Hardwicke, Mary Pyron	Tex.
Lammond, Mildred Louise	Tex.	Hardy, Carolyn Turpin	Md.
Lammond, Pauline L.	S.C.	Hardy, Carolyn Wool	D.C.
Lampton, Audrey Faith	D.C.	Hardy, Frank McNairy, Jr.	Wash.
Lampton, Mary Evelyn	N.C.	Hardy, Harry William II	D.C.
Lampton, Patricia Lavan	Wash.	Hare, Marilyn Pauline	Calif.
Lampton, Sue Ella	D.C.	Hargis, Joseph Comyns	Va.
Lampton, Winfred Elzon	Okl.	Harkless, Edna Gladys	Va.
Leiby, Barbara Louise	Md.	Harkness, William Dalzell	Va.
Lece, Harold Vivian B.S. 1939, California Institute of Technology	D.C.	Harlan, Daniel Dunaway	Ohio
Leck, Nancy Rika	D.C.	Harlan, Marjorie Elizabeth	Md.
Leck, Francis Herschel	D.C.	Harlan, Warren Milton	D.C.
		Harmison, Betty Lou	W.Va.
		Harmon, Albert Lawrence	D.C.
		Harmon, Betty Vivian	D.C.
		Harmon, Ernest Emery	Md.
		Harmon, Gregory U. LL.B. 1912, University of Buffalo	D.C.



Harmon, Virginia B.S. 1943, Alabama Polytechnic Institute	Ala.	Harry, Charles Howard, Jr. B.S. 1932, University of Pennsylvania	Pa.
Harmstone, Richard Channing	D.C.	LL.B. 1940, Temple University	D.C.
Harness, Charles Leonard B.S. 1942, The George Washington University	Tex.	Hart, Erna Janet A.B. 1932, Denison University	D.C.
Harper, Catharine Talley	D.C.	Hart, Jack S.	Pa.
Harper, John, Jr.	Md.	Hart, Juanita	D.C.
Harper, Lucille U.	La.	Hartke, Arthur J.	D.C.
Harper, Maynard Stull	Md.	Hartley, Edgar R. C.	D.C.
Harper, Ronald Carl	W.Va.	Hartley, Frances	D.C.
Harpster, Leatrice Joy	D.C.	Hartley, Jean M.	Md.
Harpster, Lyndale Roberta	D.C.	Hartley, Walter Sinclair	D.C.
Harrigan, Frederick John A.B. 1943, Harvard University	N.H.	Hartman, Doris Katherine A.B. 1940, Duke University	N.J.
Harrington, Dayton M. B.S. 1939, University of Iowa LL.B. 1942, The George Washington University	Iowa	A.M. 1941, Tufts College	Va.
Harrington, Joseph Michael A.B. 1944, University of Iowa	D.C.	Hartman, Evelyn Ritchie A.B. 1926, Goucher College	Md.
Harris, Barbara Beverly	Ill.	Hartman, John William	N.J.
Harris, Bernice Layton	Va.	Hartman, Peter Wesley	D.C.
Harris, Charles J.	Fla.	Hartman, Verna Louise	D.C.
Harris, Danah Jane	D.C.	Hartsock, Frederick Burgess	D.C.
Harris, F. Lucille A.B. 1929, The George Washington University	D.C.	Hartung, Elizabeth A.B. 1937, The George Washington University	D.C.
Harris, Forest Klaire	D.C.	Harvey, Charles M.	Md.
Harris, Harriette Dorothea	Calif.	Harvison, Shirley Florine	Md.
Harris, John David	D.C.	Harwood, Lewis Dale	Va.
Harris, Joyce	N.C.	Harzenstein, Phyllis	D.C.
Harris, Laona Kay A.B. 1941, University of Cincinnati B.S. 1942, Columbia University	Ohio	Hasinaki, Angela Marie	Ind.
Harris, Lester Friedrich	D.C.	Haslup, Allen Lee	D.C.
Harris, Margie June	Ill.	Hasmason, Aurelia Leona	Ill.
Harris, Mary Doris B.S. 1943, University of Maryland	Md.	Hastings, Delores Arlene	D.C.
Harris, Nancy Field	Va.	Hastings, Dorothy Louise B.S. 1943, State Teachers College, Oshkosh, Wis.	D.C.
Harris, Nancy Hart	W.Va.	Hatch, Alice Eliason A.B. 1926, Brigham Young University	Va.
Harris, Paul Austin	Okla.	Hatch, Francis Joseph	D.C.
Harris, Pauline Marcella	Pa.	Hatchett, Camile Pope	Tex.
Harris, Richmond	N.Y.	B.S. 1936, North Texas State Teachers College	D.C.
Harris, Robert Early B.B.A. 1937, Texas College of Arts and Industries	D.C.	Hatfield, Alice Koen	D.C.
Harris, Rose	N.Y.	Hatfield, Charlotte Luella	D.C.
Harris, Ruth Ann	D.C.	Hatfield, William Henry	Md.
Harris, Warren Gates B.B.A. 1937, LL.B. 1942, Boston University	Mass.	A.B. 1941, St. John's College	Va.
Harris, William Frank A.B. 1942, High Point College	Ga.	Hathaway, Ann Kennard	Va.
Harris, Zebb Jennings	Va.	Hathaway, Kathryn Adelle	Va.
Harrison, Bernard Arnold	D.C.	Hathcote, Martha Lunell	Md.
Harrison, Charles Barry	D.C.	Hatry, Audrey H. B.S. 1944, University of Maryland	Okla.
Harrison, Ferd Lawrence	N.C.	Hauschildt, Maurice Richard B.S. in M.E. 1940, Oklahoma University	W.Va.
Harrison, Hinda Hannah	D.C.	Hause, Benton Arlington	Md.
Harrison, Isabel Allen	D.C.	Hauser, Evelyn Mary	Canada
Harrison, Lewis Irving A.B. 1931, LL.M. 1944, The George Washington University	D.C.	Havelock, Dorothea Marguerite A.B. 1942, University of British Columbia	Conn.
Harrison, Marjorie A.B. in Ed. 1936, The George Washington University	D.C.	Havenda, Victoria Ann	Conn.
Harrison, Mary Louise	N.Y.	Haviland, Leona	Conn.
Harrison, Nancy Byrd	Va.	B.S. in Educ. 1940, University of Alabama	Conn.
Harrison, Sarah Ann	D.C.	Haviland, Reed II	Va.
Harrow, Lee Salem	D.C.	Hawkins, Ann Frederic	Va.
		Hawkins, Chief Fletcher	D.C.
		Hawkins, Joy Abbott	Va.
		Hawkins, Laura Sidney	Md.
		Hay, Mabel N. A.B. 1918, University of North Dakota	D.C.
		Haycock, Thomas Edward	Va.
		Hayden, Pauline Julia	

Students Registered

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Haydon, Everett Penn A.B. 1928, University of Louisville	Md.	Heinemann, Mary Esther	W.Va.
Hayes, James Albert	Maine	Heintzman, Marie Alice	N.Y.
Hayes, Mary	D.C.	Heiser, Charles Edward	D.C.
Hayes, Vera Kathryn B.S. 1925, Texas State College for Women	Tex.	Heiser, Will Maynard	Va.
Haynes, Martha Frances	Ky.	A.B. 1938, Oberlin College	Mich.
Haynes, Robert George	Calif.	Helke, Paul Emil	D.C.
Haynie, Minnie R.	Wis.	Heller, Virginia	Pa.
Hays, Freeman Cornelius B.S. in Phar. 1941, University of Mississippi	Miss.	Hellerman, Rebecca Cornell	D.C.
Hays, Marion Steele	D.C.	A.B. 1937, Hood College	D.C.
Hayship, Margaret Ruth	Ohio	Helm, James Thomas, Jr.	D.C.
Hayward, Charles Webster	Nebr.	B.S. in Ed. 1933, Mary Washington College	
Hayward, Lloyd Norton	Mass.	M.Ed. 1940, Duke University	D.C.
Hayward, Mildred	D.C.	Helm, Mary Frances	Minn.
Hazard, Robert Jay	D.C.	Helm, Ralph Mark	
Hazard, Florence Elizabeth	D.C.	Helm, Ruth Ellen	Pa.
Hazard, Marion	Md.	B.S. 1940, University of Minnesota	N.J.
LL.B. 1907, University of California	D.C.	Helting, B. P. Gill	Pa.
Hazel, Robert Elvin	Tex.	Helsel, Earl T.	N.J.
Hazlewood, Vela A.	D.C.	A.B. 1929, Parsons College	Pa.
Headley, Leola Washburn	Tex.	Helsel, William Gordon	
B.S. 1938, Wilson Teachers College	D.C.	B.S. 1932, Dickinson College	Md.
Headrick, Thomas W.	D.C.	Heltbridge, Mary E.	
Heald, Ruth Virginia	D.C.	B.S. 1927, Temple University	
Healey, Alan John	D.C.	A.M. 1943, The George Washington University	
Healey, Helen Marie	D.C.	Hemeon, Beverly Lorraine	Md.
Healey, Mary Bernadette	D.C.	Hennerich, Mildred Ann	N.Y.
Healy, Margaret Lorraine	D.C.	Hempel, Richard Pierce	Va.
Healy, Mary Jeanne	D.C.	Henderson, Abraham	Md.
Heard, Margaret Marie	D.C.	B.S. 1939, College of the City of New York	
Heare, Gertrude Elizabeth	D.C.	Henderson, Edith Guild	Mass.
A.B. 1928, A.M. 1933, The George Washington University	D.C.	A.B. 1942, Swarthmore College	
Heath, Clifford Mayhugh	Va.	Henderson, Helen Neel	D.C.
Heath, Howard Lawton	N.J.	Henderson, Jack Weldon	D.C.
Heatherman, Geraldine	N.J.	Henderson, Jean Doris	D.C.
B.S. 1939, Newark Teachers College	D.C.	Hendrick, Shirley Luise	Ohio
Heston, Sister Jane Frances	Pa.	Hendricks, Audrey Jeanne	Calif.
Heberling, Emory Donald	N.Y.	A.B. 1942, Pomona College	
Hecht, Moses Bernard	Mich.	Hendricks, Franklin D.	Utah
A.B. 1944, The George Washington University	Calif.	B.S. 1930, Utah State Agricultural College	
Heck, Melba June	D.C.	Hendrix, Grace B.	D.C.
Hedge, Blythe Ione	Va.	Hendry, Morgan Leland	D.C.
B.E. 1933, University of California at Los Angeles	D.C.	Henegar, Harold H.	D.C.
Hedges, Elizabeth Lee	D.C.	B.S. 1936, State Teachers College, Springfield, Mo.	
Hedges, Osa Elton	Va.	A.M. 1940, University of Missouri	Nebr.
Hedler, Karolina Johanna	D.C.	Henni, Clara	
Hedquist, Enid Linea	D.C.	LL.B. 1938, University of Omaha	D.C.
Hedrich, Albert Louis	D.C.	Henning, Charlotte Lucy	Mass.
Heenan, Thomas Alexander	D.C.	Henning, Philip Adolph	
B.S. 1941, University of Michigan	N.J.	B.S. in E.E. 1944, Worcester Polytechnic Institute	
Heenan, Cecelia Catherine	N.J.	Henninger, Mary Jane	Pa.
Heerlein, Crawford Clinton	Pa.	Henny, Dorothy	Ill.
Heffner, Mary Miller	D.C.	Henriksen, Essie Audrey	Oreg.
B.S. 1940, University of North Carolina	D.C.	A.B. 1929, University of Oregon	
Heffner, Robert Woodrow	Tex.	Henry, Carol Jean	D.C.
Heim, L. Marie	Ohio	Henry, Jack Wilkerson, Jr.	D.C.
Heimann, Ariele Jane	D.C.	A.B. 1944, The George Washington University	
Heimann, Jeanne Louise	Pa.	Henry, James F.	W.Va.
Heim, Margaret Anna	Pa.	Henry, Rhea Preston	Va.
Heim, Marie Doris	D.C.	A.B. 1937, University of South Carolina	
Heimish, Bernard	Pa.	Henselman, Ruth Kelly	Mass.
Heim, Raymond August	D.C.	Hensler, Norma Jeanne	D.C.
B.S. 1944, The George Washington University	Va.	Hensley, Dale Johnson	Iowa
Heine, Charles Abbott		Hensley, Marjorie	D.C.
		Hepler, Phyllis Marie	Va.

Herbert, Nancy Susan	S.C.	Hilliard, Oma Mae	D.C.
B.S. 1943, Winthrop College		Hillman, Arnold	D.C.
Herman, Sidney	D.C.	Hillman, Jack Allan	D.C.
Herman, Sylvia	D.C.	Hillman, William Jennings	D.C.
Hernandez, Raymonde Sophie	D.C.	A.B. 1925, Emory and Henry College	Md.
Herndon, Naomi Lee	N.C.	Hilsher, John Martin	D.C.
Herrald, Ann Carlton	Va.	Hilton, Emma Catherine	S.D.
Herreros, Alberto Pardo	D.C.	Hinckley, Lavelle Marine	Mo.
Herrick, Mary Ann	Ohio	Hines, Lenore	Minn.
Herrity, John Joseph	D.C.	Hines, Vera Cronquist	Mo.
Herrold, Katherine McDermott	Va.	Hinshaw, Ruth Estelle	
B.S. 1935, North Dakota State Agricultural College, Fargo, N. D.		B.S. 1933, Southwest Missouri State Teachers College	D.C.
Hertzberg, Katherine W.	D.C.	Hinton, James Langley	D.C.
Herweg, Gertrude Genevieve	Ill.	Hintze, Arthur Harris	
Herwig, Virginia	D.C.	LL.B. 1942, National University	N.C.
Hess, Elizabeth Rose	Pa.	Hipps, Rosemary Carolyn	N.M.
Hess, Estelle Marie	Md.	Hirakawa, Anna Toshiko	N.J.
Hess, George Frank	Md.	Hirsch, Chester Leo	
Hess, Mildred Kathryn	Pa.	A.B. 1941, Rutgers University	
Hess, Walter Eugene	Md.	A.M. 1942, Columbia University	N.Y.
A.B. 1924, Gettysburg College		Hirsch, Lawrence	Ohio
A.M. 1930, University of Wisconsin		Hirschler, Celia Minerva	
Hessing, Harold	N.Y.	A.B. 1932, Bluffton College	D.C.
Hetrick, Carolyn Anne	Pa.	Hirschman, Max A.	
Hetsch, Jean	Ky.	B.S.S. 1938, M.S. in Ed. 1940, College of the City of New York	Va.
Hewes, Laurence Hsley, Jr.	Calif.	Hirst, Anne Heston	Va.
B.S. 1924, Dartmouth College		Hiscox, Norman Irving	
Hewlett, Helen Dunn	Va.	A.B. 1942, Illinois Wesleyan University	D.C.
Hibbeler, George Albert, Jr.	Mo.	Hitchcock, Audrey Townsend	Md.
Hibben, Robert Radford	D.C.	Hitchner, Evelyn Overs	Md.
A.B. 1943, Dartmouth College		Hite, Maude C.	Md.
Hibbert, Dorothy June	D.C.	Hitzel, Margery Louise	D.C.
Hichley, Thomas James	Mass.	Hively, Edward Lee	
Hickey, Gerald Francis	D.C.	B.S.B.A. 1944, University of Florida	D.C.
Hickley, Thomas James	Ga.	Hix, Jane Hutchinson	D.C.
Hicks, Sarah Gay	D.C.	Hixson, Wilma Pearl	D.C.
Higashi, Helen	D.C.	Hoad, Fred Albert	Fla.
Higdon, Mary Ellen	Va.	Hobbs, Blanche Merritt	D.C.
Higgins, Helen	Va.	Hobson, Dorothy Ellen	D.C.
Higginson, Helen Rose	Okla.	Hockenberry, Richard	N.Y.
Hightower, Harry Gray	Pa.	Hodder, Marian Barbara	Ill.
Hildebrand, Pauline L.		Hodge, Marion	Vt.
B.S. 1931, M.Ed. 1936, University of Pittsburgh		Hodges, Malcolm Francois	D.C.
Hildebrand, Roy J.	Va.	Hodges, Margaret Janette	Fla.
A.B. 1937, Bridgewater College		Hodges, Polly Elaine	Calif.
Hildebrand, Vera Gordon	D.C.	Hodges, Robert M., Jr.	
Hildebrandt, Julia Eldridge	D.C.	A.B. 1943, University of California at Los Angeles	D.C.
Hill, Albert Benjamin	Md.	Hodgkins, George Wilson	
Hill, Coie Lorraine	Md.	A.B. 1915, A.M. 1916, The George Washington University	D.C.
Hill, Dave Harmon	D.C.	Hodgkins, W. Howard	Ohio
Hill, Donna Marie	D.C.	Hodock, Pauline Ann	Wis.
Hill, Edward Crane	D.C.	Hoelke, Howard Aley	
Hill, George Edmond II	Conn.	B.S. in M.E. 1941, University of Wisconsin	D.C.
A.B. 1943, Wesleyan University		Hoerating, Norma Evelyn	Pa.
Hill, Jane Margaret	Ohio	Hoffer, Frances Elizabeth	Pa.
B.S. in Ed. 1940, Ohio State University		Hoffman, Carl Joseph	
Hill, Marjorie Elizabeth	D.C.	B.S. 1942, Catholic University of America	D.C.
B.M. 1940, Detroit Institute of Musical Art		Hoffman, John Charles	D.C.
Hill, Mary Emma	Mass.	Hoffman, Nell H.	Calif.
A.B. 1944, Smith College		Hoffman, Richard Franklin	
Hill, Mary Margaret	Ill.	A.B. 1941, Fresno State College	N.Y.
Hill, Patricia Ann	D.C.	Hoffmann, Olga H.	Iowa
Hill, Stanley LeRoy	Md.	Hofman, Patricia Gladys	Va.
Hill, Virginia Ragsdale	D.C.	Hogan, Harold Olmstead, Jr.	Mass.
A.B. 1941, Gifford College		Hogan, Harry Joseph, Jr.	
Hilldale, Robert C.	D.C.	A.B. 1937, Princeton University	
Hillhouse, Andrew Fitch, Jr.	N.Y.		
B.S. 1943, Massachusetts Institute of Technology			



Hogan, Margaret Eleanor	Mass.	Hoo, Robert Shih-Chang	D.C.
Hogan, Martin Patrick	D.C.	A.B. 1941, Catholic University of America	D.C.
Hogan, Meredith	Idaho	Hooper, Daniel	N.Y.
Hogan, Patricia Collins	D.C.	Hollman, Austin Charles	D.C.
Hogenson, Beatrice Mabel	Utah	Hooper, Melvin Dale	Mo.
A.B. 1933, University of Utah		Hooper, Louise Sue	Ala.
Hogg, Hilda Mann	Pa.	Hooper, Roberta Gladys	Vt.
A.B. 1943, Wilson College		Hooppaw, Jacqueline Hannah	D.C.
Hoham, Frederick Dixon	Ind.	Hooppaw, Vivianne Lucy	Va.
Hohnstein, Lela Gill	Ark.	A.B. 1944, The George Washington University	
Holbrook, Elsa Koerber	D.C.	Hooten, Mary Louise	D.C.
Holcomb, Frederick Morse, Jr.	D.C.	Hoover, Elizabeth Jeanne	Pa.
Holcomb, Harmon Tyler	D.C.	Hoover, Ernest David	D.C.
Holden, Barbara Chase	Mass.	Hoover, George W., Jr.	D.C.
Holden, Elizabeth	N.Y.	A.B. 1941, The George Washington University	
Holden, George Berry	Okla.	Hoover, Mary Jean	D.C.
Holden, Jacquelyn	Tex.	Hoover, Mei Yuen	D.C.
Holden, James Archibald	Va.	Hoover, Merle Vincent	Pa.
Holden, Marjorie Frances		A.B. 1941, Susquehanna University	
Ph.B. 1912, Denison University		Hopewell, Robert Prince	Fla.
B.S. in Eng. 1914, Ohio University		Hopkins, Amos T.	Va.
Holden, Mary Kathryn	Va.	Hopkins, Bessie Cooper	Miss.
Holden, Meunice Kathryn	Tenn.	A.B. 1912, Randolph-Macon Woman's College	
Holdway, Josephine Virginia	Md.	Hopkins, George Jerome	Va.
Hole, Dorothy Lavina	D.C.	Hopkins, Mary Ella	D.C.
Holecek, Marie Georgia	Nebr.	Hopkins, Vera Byrd	Va.
Holeman, Richard W.	N.J.	Hopwood, William Irving	D.C.
A.B. 1944, Antioch College		Horan, Louise Maxwell	Va.
Holland, Alice	D.C.	Horger, Grace Erla	Ohio
Holland, Beryl Jacqueline	D.C.	Horn, Howell Farley	Tex.
Holland, Edna E.	D.C.	Hormanian, Mary Aprima	D.C.
Hollcroft, Barbara Chatfield	N.Y.	Horne, Jane Frey	Md.
Holley, Charlene	D.C.	Horne, Vivian Marie	Iowa
Holley, Charles Lyle		Hornickel, John Clark	Va.
B.S. 1939, Northeastern State College		Hornstein, Helen	Nebr.
Holliman, Margaret Erskine	Va.	Hornstein, Jacob David	Md.
Hollingshead, Elizabeth Rembert	D.C.	B.S. 1941, Johns Hopkins University	
Hollingsworth, Avona Irene	Canada	Hornstein, Naomi	D.C.
Hollis, Mildred E.	D.C.	Horowitz, Helen	D.C.
Hollister, Betty Jane	Va.	Horowitz, Julius	N.Y.
Hollister, James Kleiser	Calif.	B.S. 1939, College of the City of New York	
Holloway, John Ennis	Va.	Horowitz, Leon Salem	D.C.
Holman, Elizabeth Jeanne	Va.	Horsley, Eileen Marie	D.C.
Holmes, Elizabeth May	Nebr.	Horst, Louise Mary	D.C.
Holmes, Gladys	Conn.	Horton, Roland Douglas	Tex.
Holmes, Helen Garden	D.C.	Horvat, Helene Barbara	Mo.
Holmes, Isham Earl	Mo.	Horvath, Mary	Pa.
Holmes, Joel Grant, Jr.	Pa.	Horwitz, Harvey	D.C.
Holmes, Rita Jane	D.C.	Hosford, James W.	Mo.
Holmes, Robert Denzler	Ohio	Hosford, Mildred C.	Okla.
Holsenach, Anna Anastasia	Kans.	B.S. 1934, Oklahoma University	
Holsey, Seton Towns	Va.	Hosinski, Angela Marie	Ind.
Holst, Betty Jane	Tex.	Hoskinson, Jessie Kauffmann	D.C.
B.S. 1940, Milwaukee State Teachers College	D.C.	Hosp, Helen Marie	D.C.
Holt, Birge Nmi	Tex.	A.B. 1923, Goucher College	
L.L.B. 1920, University of Texas	N.D.	A.M. 1929, New York University	
Holt, Left Jack	Va.	Hotchkiss, Mary Jane	Va.
Holt, Walter Andrews	Md.	Houck, Doan Ralston	Ohio
Holt, Eleanor Wheeler		B.Arch. 1939, University of Cincinnati	
A.B. 1936, University of California at Los Angeles		Houff, Janet Mildred	D.C.
Holtzman, Eleanor Sandra	D.C.	Hough, Herbert Jules	Ill.
Holtzman, Joseph	D.C.	Hough, Mary Margaret	D.C.
Holtzman, Marion Taylor	Pa.	House, Lucy Virginia	Va.
Homes, Mary Elizabeth	Pa.	House, Margaret Virginia	D.C.
Honabach, Joseph Myer	D.C.	Houston, Charles David	D.C.
Honabach, Elmer Wilson	Va.	Houston, Irene Adele	D.C.
Honaker, Mary Coffroath	Pa.	Houston, Robert Bruce	D.C.
Honda, Teresa Yoshiko	D.C.	B.S. 1943, Harvard University	
Honey, Rene Agatha	D.C.		
Hick, Yolanda	Pa.		

Houts, Richard Edward	Calif.	Hulfish, Harriet Virginia Folger	Va.
Howard, Carolyn Alverda	D.C.	Hulfish, Jane Pennington	Va.
Howard, Elizabeth Crow	D.C.	Hull, Anne Southey	D.C.
Howard, Grace Margaret	D.C.	Hulsa, John Broughton	D.C.
Howard, Hope Myrth	D.C.	B.S. 1925, St. Lawrence University	
Howard, John B.	Mo.	M.B.A. 1927, Harvard University	Mo.
Howard, Joyce Genevieve	D.C.	Hulse, Orpha C.	D.C.
Howard, Quentin Eugene	Idaho	Hulteen, Carol M.	D.C.
Howard, Rosslyn K.	Tex.	Humbert, Joanne Arletta	Pa.
Howard, William Herbert	D.C.	Humer, Clarissa Josephine	N.J.
Howdershell, Josephine Wayts	Va.	Hummel, Robert Stuart	Calif.
B.S. 1938, Mary Washington College		A.B. 1939, University of California	D.C.
Howe, Alice Margaret	D.C.	Hummer, James Earl	
Howell, James Grant	Va.	A.B. 1924, The George Washington	
Howell, Mary Virginia	Va.	University	
A.B. 1943, The George Washington		LL.B. 1941, Southeastern University	D.C.
University		Hummer, Martha Jean	Va.
Howerton, Hugh King	D.C.	Humphrey, Clyde W.	
A.B. 1941, Kirksville State Teachers		B.S. 1930, East Kentucky State	
College		Teachers College	
Howerton, James Luther	N.Y.	A.M. 1934, George Peabody College	
B.S. 1913, Central State Teachers		for Teachers	
College, Okla.		Humphreys, Hope Taylor	Mass.
Howey, Judith Lee	Ill.	Humphreys, Nancy Claire	Md.
Howrey, Edwin Earl	Tex.	Huncilman, Susan Elizabeth	China
Howse, Dorothea Patricia	D.C.	Hung, Ching Chong	
Hoyme, Lucile Eleanor	D.C.	A.B. 1927, San Diego State College	
Hoyt, Betty Minns	Md.	A.M. 1929, Columbia University	Wis.
Hoyt, James G.	D.C.	Hunt, Donley Frayne	D.C.
B.S. 1929, New York University		Hunt, George Vincent, Jr.	D.C.
Hoyt, Wilson Dow	Md.	Hunt, Louise Hart	Mass.
A.B. 1940, Stanford University		Hunt, Malcolm Haynes	Tenn.
Hradil, Henry	Mo.	Hunt, Mozelle	D.C.
Hu, Ming Shan	D.C.	Hunt, Robert Clarence	
Hubbard, Hazel Carter	D.C.	B.S. 1942, Mount St. Mary College	Kan.
A.B. 1938, Concord College		Hunter, Annette Louise	D.C.
B.S. in L.S. 1943, George Peabody		Hunter, Barbara Ann	Ga.
College for Teachers		Hunter, Caroline Miscally	Mass.
Hubbard, Mary Margaret	W.Va.	Hunter, Edith May	Va.
Hubbard, Myla	Ind.	Hunter, Elizabeth Garland	
Hubbard, Virginia Young	Md.	A.B. 1941, Converse College	Va.
Hubka, Albert Franklin	D.C.	Hunter, Frank Rhodes, Jr.	
Huddleston, James Edgar	D.C.	B.S. in Eng. 1939, The George Wash-	
Huddleston, Shirley	D.C.	ington University	D.C.
Hudgens, Emma Cobb	Ala.	Hunter, Hettie Lee	Conn.
Hudler, Novice	Tex.	Hunter, Jean Evelyn	Va.
Hudnall, James Bolton	Va.	Hunter, John Morris	Va.
Hudson, Ann Lynn	D.C.	Hunter, Mary Jane	D.C.
Hudson, Catherine	D.C.	Hunter, Patricia Pauline	Va.
Hudson, Elaine Susan	D.C.	Huntsberger, Carl Myron, Jr.	
Hudson, James Matthew	W.Va.	A.B. 1941, Carnegie Institute of Tech-	
Hudson, Margaret Christine	Va.	nology	Md.
Hudson, Robert Sheffield	D.C.	Hurd, Grace Elizabeth	D.C.
Hudson, Russell Jackson	Ky.	Hure, Pierre	Md.
Hudson, Sarah Marjorie	Va.	Hurdle, Eugene Joseph, Jr.	D.C.
Huesman, Rose Margaret	D.C.	Hurley, Charles Warren	D.C.
Huey, Theodric Wood	Ala.	Hurley, Dorothy Jane	D.C.
Huffman, Ruby Helen	N.C.	Hurst, Donald Andrew	D.C.
Huffman, William Francis	Pa.	Hurst, Thomas Lee	Va.
Hughes, Alfred Lee	Va.	Hurt, Frank B.	
Hughes, Annie Mary	D.C.	A.B. 1923, Washington and Lee College	
Hughes, Edna Cornelia	D.C.	A.M. 1925, University of Virginia	
Hughes, George Edward	Va.	A.M. 1926, Princeton University	Ill.
Th.B. 1941, Southern Baptist Theo-		Hurt, James M.	
logical Seminary		A.B. 1939, Western Kentucky State	
Hughes, John F.	Md.	Teachers College	
Hughes, June Helen	N.C.	Hury, Julia	Conn.
Hughes, Mabelle Truitt	D.C.	Huse, Marie Brister	D.C.
Hughes, Mary Starke	Oreg.	Husic, William John	Ohio
Huizenya, Kathryn Lemore	Ill.	B.M.E. 1943, The George Washington	
B.S. in Ed. 1941, University of Illinois		University	D.C.
Hulbert, Virginia Witherspoon	D.C.	Hussar, Edward John	
Hulfish, Barbara	Va.		

Huson, Ameret Edward B.S. 1930, Massachusetts Institute of Technology	N.Y.	Jackson, Billie Fahy	D.C.
Husten, Benjamin F. B.S. 1944, The George Washington University	Va.	Jackson, Evelyn Leona	Va.
Huston, Mary Elizabeth	D.C.	Jackson, John C.	D.C.
Hutchins, Eroll Alma	Fla.	A.B. 1934, Northwestern Oklahoma Teachers College	
Hutchinson, Betty Brink	D.C.	Jackson, Margaret Early	D.C.
Hutchinson, Nancy Terrett	D.C.	Jackson, Mazie Oleta	D.C.
Hutmacher, Bernard Joseph	D.C.	Jackson, Mildred Viola	W.Va.
Hutsun, Sylvia Fay Lotenz	Iowa	A.B. 1941, L.L.B. 1943, West Virginia University	
Huyler, Lee Emerson, Jr.	Tex.	Jackson, Pauline Rhodes	Pa.
Hyatt, Elizabeth Louise	D.C.	Jackson, Wilma Leona Class	Ohio
Hyatt, Joan Rose	D.C.	Jacob, Phyllis Edleen	Mass.
Hyde, Dean Low	Fla.	Jacobi, Virginia Firmadke	Md.
A.B. 1939, Fresno State College	Calif.	B.S. 1939, Wilson Teachers College	
Hymowitz, Freda Doris	D.C.	A.M. 1943, The George Washington University	
Hymowitz, Helen	D.C.	Jacobi, Wilma Jane	D.C.
Hymowitz, Shirley Lorraine	D.C.	A.B. 1941, Duke University	
Hynes, Mary Helen	N.D.	Jacobs, Anne Baird	Conn.
Hynes, Robert Edward	D.C.	Jacobs, Bryna June	D.C.
		Jacobs, Mary Ryerson	Va.
I		Jacobs, Norma Leah	D.C.
Iacone, Catherine Elena	D.C.	Jacobs, Ruth Carol	D.C.
Iddings, George E.	Ind.	Jacobson, Helen B.	Va.
Iddings, Lloyd A.	Va.	L.L.B. 1918, New York University	
Idoff, Isidore	D.C.	Jacobson, Marshall Hanniss	Va.
Idlin, Shirley Rebecca	Md.	Jacobson, Martin	D.C.
Igersheimer, Hanna	D.C.	B.S. 1940, College of the City of New York	
Idiehart, Meta Frick	Va.	Jacoby, Irene Ernestine	D.C.
Idler, Barbara Yelverton	D.C.	Jacques, Marie Marguerite	Canada
Iliff, Ramon Gilbert	Va.	Jaeger, Henry William	D.C.
Imfeld, Rita C.	Ohio	Jaffe, Howard William	D.C.
Immonen, Dorothy Mae	Minn.	A.B. 1942, Brooklyn College	
Inbody, Paul Franklin	Va.	Jakavion, Betty Lou	Va.
Ince, Myrtle Geraldine	D.C.	James, Burton R.	D.C.
Ingersoll, Gladys Harrison	Ill.	A.B. 1941, Fresno State College	
Ingersoll, Mildred Frances	Md.	James, Frances Lee	W.Va.
Ingle, Cleo Monow	N.C.	James, Margaret Frances	D.C.
A.B. 1943, Berea College		James, Raymond Walter	Va.
Inglis, Dorothy Elizabeth	Mich.	A.B. 1942, The George Washington University	
Ingralia, Anthony Arthur	N.Y.	Jamison, Rosalind Skehan	Maine
Ingram, Frances Baker	D.C.	L.L.B. 1940, Washington College of Law	
Ingram, Lois	D.C.	Jankowski, Leon	D.C.
Interdonato, Paul Frank	D.C.	A.B. 1942, Ohio State University	
Intrater, Rochelle	D.C.	Jansen, Louise Margaret	Minn.
Irbis, Eula Aurelia	D.C.	B.S. in L.S. 1933, A.B. 1934, College of St. Catherine	
Irey, Robert Blair	Md.	A.M. in L.S. 1938, University of Michigan	
Iribarren, Gloria del Carmen	D.C.	Janus, Sidney	N.Y.
Irish, Robert Godwin	N.Y.	B.S.S. 1913, College of the City of New York	
B.S. 1940, Cornell University		A.M. 1934, Columbia University	
Irish, Mary Alice	Va.	Ph.D. 1944, The George Washington University	
Irons, Henry Raymond	D.C.	Jarnagin, Irma Angelene	Tex.
B.S. in M.E. 1943, Rutgers University		Jarvis, Clara Louise	Ind.
Irons, Violet Hazel	Wash.	Jarvis, Rodney Miller	Wash.
Irwin, Robert L.	Ala.	B.S. 1941, University of Washington	
Isaac, Charles Martin	D.C.	Jarvis, Sarah Glass	Iowa
Isaac, Ethel	Pa.	Jasper, Estelle Shirley	N.Y.
Isaac, Shirley	Pa.	Jasper, William S.	Ohio
Isaacs, Claire Josephine	N.Y.	A.B. 1941, Ohio University	
Isaacs, Frances Evelyn	N.Y.	Jay, Ethelda Hazel	Calif.
Isacson, June Louise	N.Y.	Jaynes, Jeanette Grace	Va.
Isenman, Miriam R.	Minn.	Jefferson, Jennie Marguerite	D.C.
Isenwood, Theodore June	Mass.	Jefferson, William Douglas	D.C.
Iskowitz, Fred	D.C.		
A.B. 1940, Brooklyn College	N.Y.		
Istley, Willa Maude	D.C.		
Iteall, Peter Roy	D.C.		
Iversen, Marie C.	D.C.		
J			
Jack, Ethel Grace	Iowa		
A.B. 1918, Upper Iowa University			



Jeffery, Eber	D.C.	Johnson, Gillard Bayne, Jr.	Ky.
A.B. 1924, Tri State College		L.L.B. 1944, University of Louisville	N.D.
A.M. 1926, Columbia University		Johnson, Harriet Lois	
Ph.D. 1932, New York University	D.C.	A.B. 1942, University of North Dakota	Tenn.
Jeffords, Carolyn Burnet	N.Y.	Johnson, Hazel	Va.
Jeffs, Ellen James	N.C.	Johnson, Helen Frances	D.C.
B.M. 1942, Syracuse University	N.Y.	Johnson, Howard Cooper, Jr.	
Jelks, Martha Florine	N.Y.	A.B. 1930, Swarthmore College	
Jemison, Alice Lee	N.Y.	M.B.A. 1912, Harvard University	D.C.
Jemison, Jeanne Marie	Md.	Johnson, Howard Hamilton, Jr.	D.C.
Jemison, Mae Stallings		Johnson, Jessie Margaret	
A.B. 1934, Louisiana State University	Ohio	A.B. in Ed. 1944, The George Washington University	D.C.
Jenkins, Elwyn Vernon	D.C.	Johnson, Joel Waldo	Tex.
A.B. 1930, Kenyon College	Md.	Johnson, Joseph B.	
Jenkins, George Marion	N.C.	A.B. A.M. 1941, East Texas State Teachers College	D.C.
Jenkins, Jasper Kenneth	N.C.	Johnson, Joyce Garland	Ala.
Jenkins, Lula Elizabeth	Md.	Johnson, Keifer Raye	Va.
Jenkins, Margaret Matilda		Johnson, Lester Vincent	R.I.
Jenkins, Thomas Rodgers, Jr.	N.C.	Johnson, Linwood Hill, Jr.	
B.S. 1944, Franklin and Marshall College	Ind.	A.B. 1942, Brown University	D.C.
Jennings, Charles Wesley	D.C.	Johnson, Mary Benson	Iowa
Jennings, Eileen Estella	D.C.	Johnson, Nellie D.	Minn.
Jennings, Mary Claire	D.C.	Johnson, Norma Arlene	Ohio
Jensen, Marion Jacqueline	D.C.	Johnson, Pauline	D.C.
Jensen, May Marie	Minn.	Johnson, Peter Herbert	Ill.
Jensen, Rosemary Rita	Mo.	Johnson, Phyllis Claire	D.C.
A.B. 1944, College of St. Catherine	Mich.	Johnson, Priscilla Arnold	Nebr.
Jerman, Nellie Mae	Tenn.	Johnson, Richard N.	
Jerome, Frances Marian	Ky.	A.B. 1925, L.L.B. 1930, University of Nebraska	Iowa
Jerrell, Gertrude Louise	D.C.	Johnson, Richard Wayne	Colo.
Jett, Carl Oris	D.C.	Johnson, Roy Travis	D.C.
Jettmar, Gladys Ann	D.C.	Johnson, Ruth Vernon	Md.
Jetton, Girard Revel, Jr.	Minn.	Johnson, Violetta Lee	Mass.
Jewell, Sylvia Bernice	Mo.	Johnson, Virginia Dudley	
Jewett, Lucile Marie	D.C.	B.S. 1943, Simmons College	Miss.
Jewitt, Imogene Lorraine	D.C.	Johnson, Wade Hampton, Jr.	Va.
Jewson, Charles Henry	Mo.	Johnson, Wayne Gilbert	Md.
Jimenez, Eurique Antonio		Johnson, William Garnett	Va.
Jirauch, Dorothea Hanna		Johnson, William H.	
A.B. in Ed. 1940, Harris Teachers College	Pa.	A.B. 1943, The George Washington University	Kans.
A.M. 1941, St. Louis University	D.C.	Johnson, Wilma Joyce	D.C.
Joe, Louisa Anna Marie		Johnston, Barbara Ann	Tex.
Johan, Morton	Conn.	Johnston, Betty Long	Ark.
A.B. 1944, The George Washington University	Mo.	Johnston, Dorothy Mae	D.C.
Johannesen, May Evelyn	D.C.	Johnston, Henry Deering	N.C.
Johannemeyer, Frances Marie		Johnston, Hugh Buckner	Wash.
Johnk, Carle Theodore	D.C.	A.B. 1933, Davidson College	D.C.
B.S. in E.E. 1942, Missouri School of Mines	Va.	Johnston, J. Monte	Calif.
Johnsen, David Strand	D.C.	Johnstone, Mary Ann	S.C.
Johnson, Anna May	D.C.	Johnstone, Janice Bronson	D.C.
Johnson, Audrey Elizabeth	D.C.	Johnstone, Martha	Va.
Johnson, Augustus Clark	N.C.	Joliet, John Charles	
Johnson, Becky	D.C.	Jonas, Rose	
Johnson, Charles Ray	Va.	A.B. 1932, Hunter College	D.C.
Johnson, Chula Long	Ga.	Jones, Alice Gwendolyn	N.C.
Johnson, David Pierce	D.C.	Jones, Bebee Bertha Rovilla	Va.
Johnson, Donald Arthur	D.C.	Jones, Bernice Grace	Iowa
Johnson, Dorothy Lee		Jones, Bertha Edna	Md.
B.S. 1940, Wilson Teachers College	Va.	Jones, Clara Florence	Wyo.
Johnson, Duane Bernell	D.C.	Jones, Dan	D.C.
Johnson, Eleanor Alice		Jones, Donald Anthony	D.C.
A.B. 1910, Lawrence College	D.C.	Jones, Doris Jeanne	Va.
Johnson, Elizabeth Robishaw	D.C.	Jones, Douglas Otis	D.C.
Johnson, Elsie Nora		Jones, Earl R.	Va.
B.S. 1936, Wilson Teachers College	D.C.	Jones, Eileen Montgomery	
Johnson, Frances Ashlin		A.B. 1933, San Jose State College	D.C.
A.B. 1937, A.M. 1939, The George Washington University		Jones, Elizabeth Anne	

Jones, Elva Aletha A.B. 1918, Hardin-Simmons University	Tex.	Kalehoff, Edward Woodley	Md.
Jones, Harold Norman B.S. 1940, Purdue University	Ind.	Kalicka, Edward Oscar	D.C.
Jones, Helen Stuart B.S. 1936, Mary Washington College	Va.	Kalikow, Irving B.B.A. 1938, College of the City of New York	N.Y.
Jones, James Frederick	Va.	Kallman, Beatrice	D.C.
Jones, Janice	Va.	Kallmann, Julia Front	Conn.
Jones, Jean	Va.	Kalmanoff, Jean Pauline	D.C.
Jones, Margaret Ann B.S. 1941, Mary Washington College	Ark.	Kalter, Karl	D.C.
Jones, Marguerite G. A.B. 1936, University of Minnesota	Va.	Kalv, Olga Michael	D.C.
Jones, Mary Gardner A.B. 1941, Wellesley College	N.Y.	Kamecka, Janina	D.C.
Jones, Mary Gladah	Va.	Kamecka, Julia	D.C.
Jones, Mary Kathryn	Va.	Kamkova, Herko	Calif.
Jones, Millicent Pearl B.S. 1942, State Teachers College, Millersville, Pa.	D.C.	Kane, Edward James	Mass.
Jones, Monica Freeman	D.C.	Kane, John Edward	D.C.
Jones, Ruby Inza	S.C.	Kanofsky, Benjamin	D.C.
Jones, Sally Ruth	Va.	Kantabutra, Binphit	D.C.
Jones, Sara Jean	Tenn.	M.B.A. 1940, University of Chicago	D.C.
Jones, Shirley	N.Y.	Kaplan, Doris Zane	Ohio
Jones, Virginia Walton A.B. 1944, The George Washington University	Va.	A.B. 1944, Radcliffe College	
Jordan, Lyman McElroy	D.C.	Kaplan, Elmer David	Ill.
Jordan, Mary Ella	D.C.	Kaplan, Esther Eileen	Minn.
Jordan, Opal Irene	D.C.	Kaplan, Lillian May	D.C.
Jorgensen, Thorvald W. A.B. 1935, University of Utah	D.C.	A.B. 1938, Brooklyn College	
Joss, John Hubbard M.B.A. 1937, New York University	Ind.	Kaplan, Paul Harold	D.C.
A.B. 1926, Yale University		Kaplowitz, Karl	D.C.
Judd, Sally Frances	D.C.	Kapneck, Elmer Adell	D.C.
Junk, Filip F. B. in C.E. 1932, Marquette University	Wis.	Kapneck, Selma Frances	D.C.
Junker, Norman Amos	D.C.	Karadib, Leon Nathan	N.Y.
Junkin, Mary Denny	D.C.	B.S. 1940, College of the City of New York	
Jurman, Richard	Md.	Karath, James	D.C.
Jurrow, Mae Wechsler	Va.	Kareher, Ernest Richard	Md.
Justice, Clara Whitten LL.B. 1929, B.S. in Ed. 1937, West Virginia University	W.Va.	Karle, Betty June	Md.
Jutten, Jessie Bernadine B.S. 1936, North West Missouri State Teachers College	Va.	Karn, Annabelle Koontz	D.C.
Juvenal, Suzanne	D.C.	Karp, Jeanette	Md.
		Karpishek, Eva Antonia	Ohio
		Karr, Philip R. B.S. 1933, College of the City of New York	D.C.
		Karr, William I.	Ill.
		Karsted, Jessie Walton	D.C.
		Kartus, Beatrice June A.B. 1943, The George Washington University	D.C.
		Karydakis, Cleo	D.C.
		Kaslow, Clifford	D.C.
		Kasofsky, Frances Selma	D.C.
		Kaspyk, Emily Anne	Pa.
		Kassoff, Arthur Irving	N.Y.
		Kassalow, Sylvia Dicker	N.Y.
		Kastelic, Thresa Jane	Pa.
		Katchmar, Ann	D.C.
		Kater, Leonard E.	Pa.
		Kattenburg, Paul Maurice B.S. 1943, University of North Caro- lina	N.Y.
		Katz, Harold William A.B. 1918, Brooklyn College	N.Y.
		Katz, Marvin A.B. 1937, Union College	N.Y.
		LL.B. 1940, Columbia University	
		Katz, Pearl	D.C.
		Kauffman, Ruby Rose	Kans.
		Kaufman, Lillian	Va.
		Kaufman, Lynne A. A.B. 1940, Nebraska Wesleyan Uni- versity	D.C.
		Kaufman, Miriam B.S. 1941, Wilson Teachers College	D.C.
		Kaufman, Paul	Va.
		A.B. 1943, New York University	
		Kautz, Robert Myers	Md.

Kavanaugh, Edward Matthew	D.C.	Kelly, Helen G.	D.C.
B.S. in E.E. 1939, University of North Dakota		Kelly, Jane M.	D.C.
Kavanaugh, Ruth Jean	D.C.	Kelly, John David	Wash.
Kavcsak, Mary Helen	Pa.	Kelly, Josephine Mary	D.C.
Kay, Helena Virginia	Tex.	A.B. 1928, University of Maryland	Va.
A.B. 1927, Southwest Texas Teachers College		Kelly, MacKenzie Laurence	D.C.
A.M. 1937, University of Texas		Kelly Margaret G.	
Kayama, Rosemary Ikuko	D.C.	B.S. 1942, The George Washington University	N.Y.
Kaye, Albert Francis	D.C.	Kelly, Roberta Elizabeth	Okla.
Kaye, Arnold S.	Ga.	Kelsay, Laura Elizabeth	
Kean, John Harper	D.C.	A.B. 1934, A.M. 1942, North Texas State Teachers College	N.Y.
A.B. 1943, The George Washington University		Kemelhor, Robert Elias	Md.
Kean, Ruth Gray	D.C.	Kemetick, Walter	
Kearney, Flora McLaughlin	La.	A.B. 1943, University of Chicago	D.C.
A.B. 1941, College of William and Mary		Kemmell, Florence Hartsock	Va.
A.M. 1942, Radcliffe College		Kemmer, Virginia Helen	
Kearns, Winnifred Smith	Minn.	A.B. 1941, University of Georgia	Va.
B.S. 1929, Northwestern University		Kemp, Betty June	Va.
Keating, Rosemary Agnes	D.C.	Kemp, Robert Thomas	D.C.
Kedan, Sylvia	D.C.	Kemon, Solon Bainbridge	
Kefer, Charles Burrus	Va.	B.E.E. 1943, Cornell University	Ark.
Keel, Elmo Woodrow	D.C.	Kempster, Wanda Gold	Venezuela
Keen, Walter Hughes, Jr.	N.J.	Kempton, Margaret Jay	Md.
B.S. 1937, United States Naval Academy		Kendall, Elizabeth Antoinette	
Keenan, Charles William	La.	B.J. 1932, University of Texas	Md.
B.S. 1943, Centenary College		Kendall, Frank Herbert, Jr.	Va.
Keeney, Mary Josephine	D.C.	Kendrick, Frances Elizabeth	D.C.
A.B. 1942, Simpson College, Iowa		Kendrick, Patricia Ann	N.Y.
Keer, Naomi Ruth	Va.	Kenjery, Rita Rose	Mass.
Keesecker, Ward W.	W.Va.	Kenison, Evelyn Gertrude	D.C.
A.B. 1923, A.M. 1924, The George Washington University		Kenly, Genevieve C.	
Ph.D. 1929, American University		A.B. 1936, Florida State College for Women	Iowa
Keesling, Mona Jeanne	D.C.	Kennedy, Donald Bernard	D.C.
Kefauver, Evelyn Olive	D.C.	Kennedy, Peggy Combs	D.C.
Keil, Anna Kelisabet	Va.	Kennedy, Richard Hobson	Mich.
Keil, Helen	D.C.	A.B. 1934, Baldwin Wallace College	D.C.
Keil, Marie	D.C.	Kennelly, Francis Xavier	Ore.
Keimig, Virginia Ann	Colo.	Kennelly, John McRae	D.C.
Keisker, Nancy	D.C.	Kenworthy, Carroll	
Keist, George Nathan	Md.	A.B. 1925, Earlham College	
B.S. 1929, Eureka College, Ill.		A.M. 1927, Columbia University	D.C.
A.M. 1939, University of Iowa		Kenyon, Kenneth A.	
Keleher, Claire Gerard	Mass.	A.B. 1943, The George Washington University	Pa.
Kellam, Jessie Irene	Va.	Keough, Bernard Edward	Pa.
Keller, Elizabeth Beach	Va.	Kephart, John Edgar, Jr.	N.C.
B.S. 1940, University of Chicago		Kerley, Martha Louise	D.C.
Keller, Geoffrey	Va.	Kerr, Betty Jean	D.C.
B.S. 1938, Swarthmore College		Kerr, Jane Blanchard	
Keller, Glenna Isabel	Ohio	A.B. 1943, Ohio State University	D.C.
Keller, Linda-Iillian Barbaramario	Ill.	Kerr, Jean Fraser	D.C.
Keller, Sam Mason	Va.	Kerr, Sasha	Pa.
Kelley, Anne Hunter	Va.	Kershaw, John A.	D.C.
Kelley, Edwina	Mass.	Kerson, Bertha	Li.
Kelley, Eva Frances	Mass.	Kessinger, James Bennett	Md.
Kelley, Malcolm Edward	N.Y.	Kessler, Marcia Jermain	D.C.
A.B. 1936, Marietta College		Kessler, Virginia Hope	D.C.
Kelley, Patricia	Calif.	Kester, Beryl B. Conklin	S.C.
Kellnhauser, LaVerne Ruth	Wis.	Ketchin, Statia Ansley	
Kellogg, Charles Flint	Mass.	A.B. 1943, University of South Carolina	Minn.
A.B. 1931, Columbia University		Kettner, R. Estelle	
A.M. 1933, Harvard University		B.S. 1929, University of Minnesota	D.C.
Kellogg, Jeannette Irene	N.Y.	Key, Norman	
Kellogg, William Leonard	D.C.	A.B. 1938, Howard College	D.C.
Kellison, Rose	D.C.	Keyser, George Herbert	Colo.
Kelly, Bernhard William	Va.	Kibble, Blanche Irene	S.D.
Kelly, Catherine Marie	D.C.	Kibler, Godfrey Lawrence	
Kelly, Elizabeth Graham	D.C.	A.B. 1933, A.M. 1944, The George Washington University	
Kelly, Floyd Carl	Wash.		



Kicherer, Harry Jay B.S. 1929, Wilson Teachers College	Ill. D.C.	Kiracofe, Arthur Hiram A.B. 1943, Franklin and Marshall College	Va.
Kidd, Elnora Ludwig	D.C.	Kirby, James Wardlaw	S.C.
Kidd, Harriet Jane	D.C.	Kirch, Mary Louise	Mich.
Kidd, Mary Betty	D.C.	Kirchheimer, Otto	D.C.
Kidwell, Ennis Hockman	W.Va.	LL.D. 1928, Bonn University, Germany	
Kiernan, Doris Anne	D.C.	Kirchoff, Francis Donald	D.C.
Kiernan, Louise Genevieve	D.C.	Kirk, Donald Angus	Utah
Kiernan, Vasa Helen	D.C.	A.B. 1940, University of Utah	
A.B. 1938, A.M. 1939, The George Washington University		Kirk, Kenneth Burl	W.Va.
Kiess, Harriet Knudsen	D.C.	Kirkbride, Virginia R.	Nebr.
A.B. 1916, Northwestern University	Md.	B.S. in Ed. 1941, A.M. 1942, University of Nebraska	
Kitchel, Oliver Dewayne	D.C.	Kirkendall, Vern Samuel	Kans.
Kiley, Helen Marie	D.C.	Kirkpatrick, Nellie Marion	D.C.
Kilgolen, John Joseph	Va.	Kirsh, Charlotte G.	N.Y.
Kilgore, Beulah Corrine	D.C.	Kirsh, Anne	Pa.
Kilgore, Elinor Stuart	D.C.	Kisduchak, Joseph Thomas	Wash.
Killeen, Katherine Francis	D.C.	Kiser, Freeda	Ark.
Killion, Richard Harvey	Okla.	Kiser, Tharon Marie	Ky.
B.S. 1943 Oklahoma Agricultural and Mechanical College		Kishibay, Charles Ohanne	N.Y.
Kilpatrick, George A.	Pa.	B.S. in M.E. 1943, Pratt Institute	
Kim, Pearl Soonoki	Hawaii	Kistler, Marion Irene	D.C.
Kimball, Howard Widtsoe	Ariz.	Kitchin, Sara Jane	D.C.
Kimball, Leigh Lufkin	Mass.	Kitts, Suzanne Burlingame	D.C.
Kimball, Parker	Mass.	Kivi, Elsie May	D.C.
Kimball, Ola	D.C.	Klaasse, James M.	Calif.
Kimble, Ruth Kathryn	D.C.	B.S. 1943, The George Washington University	Mich.
Kimble, Seruch Titus	D.C.	Klaasse, Robert Allen	Mich.
A.B. 1942, The George Washington University		Klapfer, Carolyn Ann	D.C.
Kimche, Etta	D.C.	Klaserner, Phyllis Jane	R.I.
Kinder, Edward Lewis, Jr.	Ark.	Klebanoff, Philip Samuel	N.Y.
Kinpell, Ernest Blake, Jr.		A.B. 1939, Brooklyn College	
A.B. 1941, Arkansas Agricultural and Mechanical College		Klebba, A. Joan	D.C.
King, Billy Whitby	Tenn.	B.S. 1940, University of Chicago	
King, Clarence Albert	Md.	Klee, Betty Scott	D.C.
King, Donald Dornton	D.C.	Kleger, Nina A.	Ohio
King, Donald Perry	Ind.	Kleh, Jack	D.C.
A.B. 1943, Indiana University		A.B. 1942, The George Washington University	
King, Eleanore Woodward	Va.	Klein, Alfred Kenneth	D.C.
A.B. 1934, A.M. in Ed. 1939, The George Washington University		B.S. 1940, St. Louis University	
King, Elizabeth	Va.	Klein, Audrey Lee	D.C.
King, Estyl R.	Iowa	A.B. 1938, The George Washington University	
King, Fred Wesley	Calif.	Klein, Edward Edwin	D.C.
King, Irma Gertrude	N.Y.	Klein, Franklin, Jr.	N.Y.
King, John Swinton	Mich.	A.B. 1938, Park College	
A.B. 1942, Princeton University		Klein, Greta Lee	D.C.
King, Leonard Hammond	D.C.	Klein, Irwin	N.Y.
King, Mary Campbell	Va.	Klein, Otto George	D.C.
King, Mary Elizabeth	Mass.	Klein, Shirley Lynette	D.C.
King, Olive Virginia	D.C.	Kleiner, Richard Isaac	N.Y.
L.L.B. 1927, The George Washington University		B.M.E. 1942, New York University	
King, Robert Charles	Minn.	Klempner, Leah	Mass.
King, Ruth Elizabeth	D.C.	Klespitz, Barbara	Ill.
King, Vane Freeman	Md.	Khegl, Juanita Victorine	Iowa
Kingman, Allen Frederick, Jr.	D.C.	Klim, Anthony	D.C.
Kingston, Evelyn Ruth	Ill.	Kline, Margaret Menefee	Md.
Kinnaird, Barrington West	Ky.	B.S. 1942, University of Maryland	
Kinney, David Bowen	N.Y.	Kline, Robert Edward	Pa.
A.B. 1943, Alma College		A.B. 1938, LL.B. 1941, Harvard University	
Kinney, Nathaniel N.	Colo.	Klink, Granville, Jr.	Md.
B.S. in C.E. 1929, University of Colorado		Klippel, Mary Jane	Colo.
Kinsel, Lois Thelma	Mich.	Klockow, Elinor Ramola	Wis.
Kiosse, Mary	Mont.	Klopfenstein, Karl Henry	D.C.
Kipp, Mary Elizabeth	Minn.	A.B. 1943, University of Washington	
A.B. 1941, Hamline University			

Kloss, Merne Williams A.B. 1920, Pennsylvania State College M.L. 1937, University of Pittsburgh	Md.	Kopecky, Frank Joseph Kopek, Pauline Elizabeth Kopp, Robert	Nebr. N.D. D.C.
Klostermann, Wolfgang Ekart Kloze, Ida Iris LL.B. 1926, University of Maryland	N.J. Md.	A.B. 1940, Brooklyn College Koppel, Heti Lore Koppialky, Jean Luise	D.C. D.C. Md.
Knauert, William Jerome, Jr. Knezevich, Hugo A.B. 1944, Queens College	Fla. N.Y.	Korab, Harry Edward B.S. 1943, University of Maryland Korbelak, Virginia Marie	N.J. Calif.
Knierim, Stanley Casper Knight, Alfred Bishop A.B. 1941, Washburn College	D.C. Okla.	Koritz, Marian Lee A.B. 1930, A.M. 1932, Radcliffe College Ed.M. 1934, Boston University	N.Y. D.C.
Knight, Betty Ruth Knight, Gladys Tompkins Knight, Harry William	D.C. Md.	Korria, Sylvia Korth, Pauline Kossey, Helen	Va. D.C.
A.B. 1931, Amherst College A.M. 1940, Northwestern University	Ala.	Koteen, Bernard Alexander B.S. 1934, University of Pennsylvania	Kans. Ill.
Knight, Perle Knights, Alice Fern Knipe, Ellen Graham	Md. D.C.	Kotfern, Helen Mildred Kouka, Fred Horace Koutsandreas, Peter Dionysios	D.C. Ill. Pa.
Knispel, Ruth Agnes Knock, Phyllis Knockey, Catherine Ann	Minn. D.C. D.C.	Kouzes, Tom Kovach, Coleman William Kovach, Eugene George	Pa. Mich.
A.B. 1939, American University Knopp, Arthur Maxwell Knost, Imogene	D.C. D.C. D.C.	B.S. 1943, M.S. 1944, Wayne University Koval, John Joseph Koval, Margaret Mary	D.C. Pa. Md.
Knott, Donald Frederick Knowles, Isabelle Place Knowles, Mary Frances	D.C. Va. D.C.	Koziski, Stephen Kraft, Catharine Elizabeth B.S. 1943, University of Maryland	D.C. N.Y.
Knowles, Myles Henry Knox, Patricia Jane Knutson, Viana B.	Va. N.D.	Kraft, Joseph Kraft, Margot Regina Krahling, Allie Christine	D.C. D.C. D.C.
Kobel, Larry Thurlow Koblentz, Charles Kobs, Lila Claire	Va. Ill. Calif.	Kramer, Sidney Kranz, Marion Kraas, Genevieve Helen	N.Y. Ill. D.C.
Kodadek, Dorothy Grace Koegel, Florence Eleanor Koen, Mary Lee	Minn. D.C. D.C.	Krash, Otto B.E. 1938, Milwaukee State Teachers College	D.C.
Koenig, Virginia Anne Koepf, Colquitt Newell A.B. 1911, University of Missouri	D.C. D.C.	Kraskin, Bette Miller Kratzer, T. Ferne Krause, Carol Helen	D.C. D.C. Tex.
A.M. 1913, University of Wisconsin Koester, Katharine Louise Koga, Emma Teruyo	D.C. Hawaii	Krause, James Arthur B.B.A. 1941, University of Texas	Va.
Ed.B. 1940, University of Hawaii Kogon, David Kohl, Francis V.	N.Y. D.C. Pa.	Kravetz, Rhoda Kravitz, Jerome Jacob Krebs, Hildagardis B.	N.Y. Md. Ohio
Kohler, Francis Leroy Koidan, Walter B.F.E. 1930, College of the City of New York	D.C. N.Y.	Krehbiel, Mary Lou Kreis, Lois Mae Kreisberg, Barrett Gerald	N.D. N.Y. Md.
Koki, Philip Soter Kolesnikoff, Valentine Jarcovlevna A.B. 1930, State University of Baku, Russia	D.C. N.Y.	Kreisler, Elvira Emma Kreiworth, Leanne Kreimpin, Mamye Augusta	N.Y. Tex. D.C.
A.M. 1939, The George Washington University Kolin, Esther Edith A.B. 1940, Hunter College	N.Y. D.C.	Krjukova, Tatiana A.B. 1933, Institute of Foreign Languages, Moscow, U.S.S.R. Kressley, Clement D.J.	Md. D.C.
Kolker, Joseph A.B. 1942, The George Washington University Kolze, Vernon William	D.C. Pa.	Kreutzer, Bertha Marie Krewson, Esther Elizabeth B.S. 1932, Nebraska State Teachers College	Nebr.
B.S. 1941, Western Reserve University Kommer, Marcella Kong, Ella Ding	N.J. N.J.	Krie, Dorothy A. Krieger, Eleanor Louise Krieger, Shirley	Iowa Va. R.I.
Konkle, Laurette Edith Kono, Shizue Koons, George Hill	N.J. Hawaii D.C.	Kriesberg, Martin B.S. 1940, Northwestern University Kringel, Hazel Virginia	Ill. Iowa
Koontz, John Donovan B.S. 1939, Wilson Teachers College Kopcha, Katherine P.	D.C. Ill.	Krismer, Marion June Krissillas, Sofia Aurora Kronstadt, Arnold Mayo	D.C. D.C. Fla.
B.S. 1942, Northwestern University		Krouse, Ruth Olga Kruger, George	D.C.

Krumwirth, Henry George	N.Y.	Lamb, John James	Pa.
Krupiok, Valerie Therese	Wis.	B.S. 1944, The George Washington University	
Krupnick, Jane Ellen	Ohio	Lamb, Lavar Elizabeth	D.C.
A.B. 1940, Western Reserve University		B.S. 1935, University of Minnesota	
Krusoff, Darwin	D.C.	Lambertson, Helen Jane	D.C.
Krutter, Eva	D.C.	Lambert, Christene	W.Va.
Kubach, Dorothy Leah-Elaine	D.C.	Lambert, Peter Baldwin	D.C.
Kuchesky, Eva B.	D.C.	Lambros, Theodora	D.C.
Kucivek, Ernest Frank	Nebr.	B.S. 1939, Wilson Teachers College	
Kuckiek, Virginia Anne	Ohio	Lamm, Charlotte Armide	Md.
Kuebler, Carol Carr	Md.	Lammons, Thomas Miller	Miss.
Kupaczewska, Wanda Helena	D.C.	Lamore, Estelle Roxie	Md.
Kuhn, Bowie Kent	D.C.	Lampert, Margery Mitchell	Va.
Kuhn, Edith Ernestine	Okla.	Lampman, Martha Margaret	Tex.
Kuhns, Eugene Lewis	D.C.	Lancaster, Dolores Almore	D.C.
Kuipers, Florence Gertrude	Mich.	Lamora, Joseph L.	Calif.
A.B. 1942, Calvin College, Mich.		Landan, Barbara Anita	N.Y.
A.M. 1943, University of Illinois		Landes, Sonia Tarnopol	D.C.
Kukanic, Anne	D.C.	Landesman, Bertram M.	N.Y.
Kulak, Dorothy Mary	Conn.	L.L.B. 1940, New York University	
Kuldell, Kathleen Muriel	D.C.	Lando, Lester	N.Y.
Kulish, Martin William	Pa.	B.S. 1942, University of Michigan	
Kull, Raymond Christian	D.C.	Landrum, Emily Jane	Va.
Kump, Jack Maurice	D.C.	Landrum, Emma Jean	Ark.
Kunath, Susan Hughes	N.Y.	Landrum, Mary Sue	La.
Kunath, Virginia Lois	Ind.	Landsberger, Eileen Margaret	Minn.
Kupjian, G. Maralyn	Md.	Landstrat, Elizabeth Stuart	Va.
Kurland, Walter	D.C.	Landstreet, Louise Davis	Va.
B.S. 1942, The George Washington University		Landy, Mabel Elizabeth	D.C.
Kurtz, Barbara May	Md.	Lane, Audrey	N.Y.
Kurtz, Harvey William	Wis.	Lane, Frank Benjamin	Va.
Kurtzman, Martha	N.I.	Lane, George Franklin	Va.
Kise, Helen Elizabeth	Ill.	Lanc, Marjorie Jane	D.C.
Kushner, Sylvia	Mass.	Lane, Mary Ellen	D.C.
Kuske, Esther Juanita	Minn.	Lane, Ruth Burton	D.C.
B.S. 1922, Northwestern University		A.B. 1916, Athens College	
Kuzak, Helen A.	Pa.	A.M. 1920, Washington University	
Kyak, Mary	Pa.	Lane, Walter Harold	Va.
Kyle, Catharine Patricia	D.C.	A.B. 1943, The George Washington University	
Kyle, Hugh Campbell, Jr.	D.C.	Laney, Arthur R.	D.C.
Kyle, May Talbert	D.C.	Laney, Culbert	Utah
B.S. 1940, University of Maryland		B.S. 1941, Utah State Agricultural College	
Kyle, Mildred Evelyn	Pa.	Lang, Eleanor	N.J.
Kyle, Sadie Wichman	Va.	A.B. 1927, University of Illinois	
		Langan, Albert Jefferson	N.Y.
L		Langsdell, Robert Dana	Calif.
Lacy, Lorene Brandt	D.C.	Lanise, Arline Watson	Mo.
A.B. 1939, University of Michigan		Lange, Arnold Richard	D.C.
LaConnare, Marie Agnes	Miss.	Langford, Audrey Louise	Va.
Ladd, Mary Lee	Ind.	Langhofer, Joel Henry	Kans.
Ladd, Robert Boyd	Md.	Langhoff, Severin Peter, Jr.	Ill.
A.B. 1935, A.M. 1939, Texas College of Arts and Industries		B.S. 1931, Ph.D. 1935, Illinois University	
Ladinsky, Bernice Edythe	D.C.	Langston, Cora Lee	Ark.
Ladziata, Genevieve Helen	Mass.	Lanham, Aaron Benson	Va.
Lafayette, Norman W.	Va.	A.B. 1933, University of Redlands	
A.B. 1935, Bates College		Lann, Rita P.	D.C.
A.M. 1938, The George Washington University		Lansdale, Mary Louise	D.C.
Laffey, John E.	D.C.	Lansin, John Belcher	N.Y.
Lager, Karen J.	Ill.	A.B. 1940, Hobart College	
Lagerwey, Sophia	D.C.	Lanthier, Armand Alcide	D.C.
LaGuardia, Alfred Attilio	D.C.	Lantz, Andrew Lawrence, Jr.	N.D.
Lahti, Donald Isaac	D.C.	Lanza, Hugo Ballivian	Bolivia
B.S. 1941, Northern Michigan College of Education		Lapp, Jean Isobel	Va.
Laighton, Robert Haby	N.H.	Larison, Donna Lee	Okla.
Lairg, Susanne Kay	W.Va.	Larkin, Constance Miriam	Md.
Lakata, Dorothy Anna	Pa.	Larkin, Frank Yeakum	N.Y.
Lakefish, Jack Phillip	Oreg.	A.B. 1937, Princeton University	
LaMacchia, Frank Richard	N.Y.	LaKoccam, Marie Barbara	D.C.
		Larrick, Dorothy Marcellis	D.C.



Larrick, Mary Lois	D.C.	Le Clair, Marie Jennette	Tex.
Larsen, John Andrew	Va.	Ledbetter, George Wilkinson	Tex.
Larsgaard, Olga Anne	D.C.	Ledbetter, John Marcus, Jr.	Miss.
Larson, Dolores Clark	D.C.	Ledbetter, Julia Elizabeth	Miss.
Larson, Donald Oakes	D.C.	Ledford, Polly Corene	Va.
B.S. 1942, Pennsylvania State College		Le Doux, Lydia Louise	La.
Larson, Gladys Evelyn	Minn.	Lee, Agnes	D.C.
Larson, Roy E.	D.C.	Lee, Alice	D.C.
Lasance, Marie Rose	D.C.	Lee, Bernice M.	Okla.
Lasco, John, Jr.	Pa.	Lee, Clara Glasscock	Tenn.
Laskim, Anne Millicent	Calif.	Lee, Eugenie Therese	Md.
Lathrop, Richard Payneer	D.C.	Lee, Flavia Ann	Idaho
Latimer, Mary Lane	Md.	Lee, Frances R.	N.Y.
Latimer, Miriam Price	D.C.	A.B. 1944, Brooklyn College	D.C.
Latino, Jennie Anary	D.C.	Lee, Harry	Hawaii
Latter, Charles	D.C.	Lee, Helen Okhee	Va.
B.B.A. 1942, College of the City of New York		Lee, Jay Joanne	D.C.
Leu, Virginia Ann	Tex.	Lee, Julia M.	
Leubgross, Marvin	N.Y.	A.B. 1941, Oglethorpe University	Va.
Laum, Nettie Margaret	Va.	Lee, Katherine Elizabeth	D.C.
Lauter, John William	D.C.	Lee, Lillian	D.C.
Lauterbach, Myrtle Jean	Wis.	Lee, Lorraine Alma	China
Lautner, Mary Edith	Va.	Lee, Maria Pau	D.C.
LaVigna, Dorothy Anelia	N.Y.	Lee, Marion	N.Y.
Lavin, Arthur George	Va.	Lee, Miriam Lubiton	D.C.
Lavine, Estelle	Md.	Lee, Pyeng Kan	
A.B. 1933, The George Washington University		B.S. 1935, Roanoke College	D.C.
Lavins, Genevieve	D.C.	Lee, Robert Josh	Hawaii
Lavis, Cleo French	Va.	Lee, Robert Yoon Sung	
A.B. 1932, Central State College, Okla.		A.B. 1944, Cornell University	D.C.
Lawler, Daniel Joseph	Ill.	Lee, Shiu Lam	N.Y.
A.B. 1930, Georgetown University		Lee, Virginia Ann	
Lawrence, Frank Vinton, Jr.	N.J.	A.B. 1943, A.M. 1944, Syracuse University	D.C.
B.S. 1926, Princeton University		Lee, William Vincent	Va.
Lawrence, Mary Ann	Tex.	Leepy, Joan Louise	Pa.
Lawrence, Nancy	D.C.	Lees, Lovel Hardwick	Ohio
Laws, Dorothy B.	Ark.	LeFerre, Richard Harr	
Lawson, Marilyn Katherine	Minn.	A.B. 1930, Wittenburg College	
Lawson, Sherman Ashworth	Va.	LL.B. 1933, Harvard University	Ohio
B.E.E. 1936, Ohio State University		Leff, Ruth	N.Y.
Lawter, Florence Schott	D.C.	Lefkowitz, David	
B.S. 1917, Northwestern University		B.S.S. 1934, City College of New York	N.Y.
M.S. 1924, University of Chicago		Lefsky, Sidney	Md.
Lawyer, Janette Sara	Ark.	Lemallais, Frances Yvonne	Wyo.
Layne, Aron Alvis, Jr.	Tenn.	Lewerski, Elizabeth	W.Va.
A.B. 1943, The George Washington University		Legs, Phyllis Jean	Pa.
Layne, Ruth Lee	D.C.	Leggette, Jeanne H.	D.C.
Lazarus, Leonard	N.Y.	Le Grand, Hudson Taylor, Jr.	Ark.
A.B. 1910, LL.B. 1933, Columbia University		Lehman, Elizabeth Stephanie	Conn.
Lazzari, Evelyn	D.C.	Lehrer, Savi	D.C.
Ph.B. 1927, University of Chicago		Lehtinen, Oliver Wiljo	D.C.
Leach, Alfred Clyde	W.Va.	Leiby, Dorothy Lorraine	Ill.
Leach, Frances Neta	D.C.	Leiderman, Nathan	Nebr.
Leach, Harry King	Md.	Leidigh, Charlotte La Rue	Md.
Leach, Viola	D.C.	Leimbach, Marian Howe	D.C.
Leahy, Thomas Francis	D.C.	Leinster, Roy Luttrell	
B.C.S. 1930, University of Notre Dame		B.S. 1931, United States Military Academy	
M.S. 1933, Columbia University		Leitch, Theresa Stevens	D.C.
Leaman, Virginia Emily	D.C.	Lekson, Bernice Miriam	D.C.
Leath, Marie Kauffman	Va.	Lemler, Helen Doris	D.C.
Leavitt, Evelyn	Mass.	Lenarduzzi, David Rina	D.C.
Leavitt, Helen Charlotte	D.C.	Lengyel, Agnes	D.C.
Labergott, Ruth Wellington	Mich.	Lenkin, Melvin	D.C.
A.B. 1945, University of Michigan		Lenkin, Natalie June	D.C.
Leberman, Lois Elizabeth	D.C.	Lennemann, Leona Marie	D.C.
Lebkiacher, John Van Reed	N.Y.	Lenoff, Sylvia	Conn.
Lebowski, Bernard	D.C.	Lent, David Winfield	Ohio
A.B. 1940, University of Minnesota	Minn.	Leon, Helen Alberta	
		B.F.A. 1935, University of Oxford	Md.
		Leonard, Dorothy Virginia	D.C.
		Leonard, Elfrieda Fustine	

Leonard, Helen Louise	Okla.	Lewis, Margaret Louise	Conn.
Leonard, Robert Sterling	D.C.	A.B. 1942, Bryn Mawr College	
A.B. 1930, The George Washington University		Lewis, Martha Stair	Va.
A.M. 1931, Harvard University		Lewis, Mervin Leo	D.C.
Leone, George Russell	N.Y.	Lewis, Mary Newton	Va.
Leongway, Madeline Marion	D.C.	Lewis, Nancy Lee	Va.
Leppanen, Helen Maria	D.C.	Lewis, Regina Maria	D.C.
Lerer, Harold	Mass.	A.B. 1943, Texas Christian University	
B.S. in E.E. 1937, Northeastern University		B.S. 1944, Columbia University	
Leroux, Mercia Jane	Miss.	Lewis, Seth	D.C.
Leroy, Philip Henry	D.C.	A.B. 1936, The George Washington University	
LeSage, Yvette Bertha	N.H.	Lewis, William Jay	Md.
Lesanky, William A.	N.Y.	Lexa, Frank Joseph	Minn.
Lesh, Jane	D.C.	A.B. 1943, University of Minnesota	
Lesko, Evelyn Elizabeth	Va.	Lexton, Mabel Harriet	D.C.
Leslie, Helen George	D.C.	Ley, Jane Lois	Ohio
Lesnoff, Nell Elaine	D.C.	B.S. in Ed. 1940, Kent State University	
Lessen, Charlotte	D.C.	Li, Pau Chiess	China
A.B. 1936, Flora MacDonald		A.B. 1935, The National University of Peking	
Lesser, Henry Mandel	D.C.	Lianos, Jane Randell	D.C.
Lesser, Marily Irene	D.C.	Lindon, Catherine Mary	Pa.
Lester, Claudia Laverne	Miss.	Lindsay, Lynn	D.C.
Lester, Inez Mattie	Va.	A.M. 1932, Edinburgh University	
Laudrinski, Mary Margaret	D.C.	Lieberman, Simon Morris	D.C.
Levander, Rena	N.Y.	Lichtenberg, Max	N.Y.
A.B. 1943, Swarthmore College		Lichtenstein, Hyman Edward	Md.
Levenson, Judith Shirley	Va.	Liddle, Ralph Wesley, Jr.	Va.
Levenstein, Myrtle S.	Va.	Lidford, John Albert	Md.
Leviak, William Walter	Va.	Lieber, Norma Ann	N.D.
Levin, Alex	D.C.	Lieberman, Jacob Elias	N.Y.
Levin, Ernest Maurice	D.C.	B.S. 1943, Brooklyn College	
A.B. 1935, A.M. 1938, University of California at Los Angeles		Liebersohn, Bertha Roseman	D.C.
Levin, Floyd Dale	D.C.	Lieberstein, Herbert Melvin	Ark.
B.S. 1942, University of Washington		Liebman, Alvin Donald	D.C.
Levin, Isaac	D.C.	Liebow, Esther Rachel	D.C.
Levin, Ruth Mae	D.C.	Liff, Anne	D.C.
Levin, Stanley William	D.C.	Lifschutz, Seymour	N.J.
Levine, Herbert Raider	D.C.	A.B. 1942, The George Washington University	
A.B. 1941 Brooklyn College		Light, Virginia Gayle	D.C.
Levine, Lillie	D.C.	Lightbown, Lucille R.	D.C.
A.B. 1939, Hunter College		Lightman, Joseph Mantell	D.C.
Levine, Robert Michael	N.Y.	A.B. 1943, The George Washington University	
Levine, Rosabelle	D.C.	Liit, Marjorie Ann	Ill.
Levine, Sally	D.C.	A.B. 1944, University of Chicago	
Levinson, Abraham B.	N.Y.	Lile, Anne T.	Tenn.
B.S. 1936, New York University		Liljeeren, Ervin James	Md.
Levinson, Sara Ann	D.C.	Limpert, Henry Stephen	D.C.
Levinson, Treva Rose	Va.	Lincoln, Marjorie	Md.
Levinter, Isadore	N.Y.	Lindahl, Charles Keith	Ill.
Levy, Irene	D.C.	Lindahl, Ivan LeRoy	Nebr.
Levy, Joel V.	D.C.	B.S. 1941, Nebraska Central College	
B.S. 1932, Chem.E. 1933, College of the City of New York		Lindeman, Jean Catherine	D.C.
Lew, Jean	D.C.	Linder, Harris Willard, Jr.	Minn.
A.B. 1944, University of Washington		Linder, Ruth	D.C.
LeWand, Stanley Donald	N.J.	Lindgren, Marjorie Atkins	Va.
Lewin, Walter Otto	Ohio	Lindner, Carl Witold	Md.
Lewis, Aaron	D.C.	Lindsey, Irving	Va.
Lewis, Alice Ruth	D.C.	A.B. 1923, The George Washington University	
Lewis, Ann Frederic	W.Va.	A.M. 1928, The University of Virginia	
Lewis, Armin Keasler	Md.	Lindsey, Ruth Elizabeth	Okla.
Lewis, Bessie Sara	Mass.	Lindstrom, Elizabeth Ann	Md.
Lewis, Elizabeth Maye	Okla.	Line, Lucille	Mont.
Lewis, Elizabeth Socorro	D.C.	A.B. 1940, University of Montana	
Lewis, Esther Blanche	D.C.	Lingleb, Albert Francis	Md.
A.B. 1944, University of Kansas		Lingo, Jane Tunstall	D.C.
Lewis, John Joseph	Ind.	Lininger, Virginia Gillham	D.C.
Jewis, John Parks	Ark.	A.B. 1941, Denver University	
Lewis, Louise	Md.	Link, Jo Doris	N.C.

Linn, Alma Mae	D.C.	Lombberger, Stanley Thomas	D.C.
Linnenkamp, Elizabeth Patricia	D.C.	Long, Faleen Frances	D.C.
Lipetta, Joseph Thomas	N.Y.	Long, Margaret Jane	Tex.
B.S. 1940, St. John's College		Long, Nancy Kay	D.C.
Lipman, Frederica Lenz	Md.	Long, William Edward	D.C.
Lipofsky, Nathan B.	Conn.	Longley, Jay Rhodes	Wis.
Lippett, Henry F.	Calif.	A.B. 1942, Carleton College	
B.S. 1936, Massachusetts Institute of Technology		Loomis, Helene Elizabeth	D.C.
L.L.B. 1942, Harvard University	D.C.	Loose, Myra Cosgrove	D.C.
Lipsic, Bernice Elmor	Va.	Lopez, German Carlos, Jr.	D.C.
Lipson, Eleyna Barbara	Va.	B.S. 1943, National Institute, Panama	D.C.
Lisante, Henry Thomas	D.C.	Lopez, Heredia, Jose	D.C.
Lisenby, Ouida Yvonne	D.C.	Lopez, Luis Larrea	Md.
Liska, Ellen Lydia	D.C.	Lord, Lois Carolyn	Ark.
Liska, John Walter	D.C.	Lord, Mildred I.	D.C.
Litaker, Billy Ray	D.C.	Loring, Blake Marshall	
Little, Mary Jane	D.C.	B.S. 1937, St. D. 1940, Massachusetts Institute of Technology	D.C.
Little, Mary Lou	Ill.	Lorimer, Margaret	D.C.
B. Mus. 1943, University of Illinois		Lott, Anita Knowlson	Fla.
Little, Roy Locher	Md.	Lott, Margaret Annew	D.C.
Littlehales, Lisette Warren	D.C.	Loube, Sidney	Ill.
Littleton, Louisa Chandler	Va.	Loucks, Barbara Hazeltime	
A.B. 1949, Emory and Henry College		A.B. 1940, Mount Holyoke College	Mass.
Litynski, Emily Ann	N.Y.	Loud, Marjorie Alice	
Liu, Nai Chuen	D.C.	A.B. 1933, Mount Holyoke College	
B.S. in M.E. 1940, M.S. in M.E. 1941, Purdue University		B.S. in Ed. 1934, Ohio State University	
Livengood, Louella Jane	D.C.	Louden, Frederick Orr	D.C.
Liverman, June Audrey	Va.	Louder, Margaret H.	D.C.
Liverman, Myrtle Louise	Va.	Loudermilk, Edith Helen	Md.
Livesey, Mary Bailey	Mass.	Love, Jane Lewellyn	R.I.
Livingston, Harold Charles	N.Y.	Lowejoy, Pauline Lucile	Va.
Livingston, Samuel	N.Y.	Lovelace, Neil Richard	D.C.
Livingstone, Earl Leslie	D.C.	Loving, Janice Elise	D.C.
Lizardo, Jose Desierto	D.C.	Low, Henry John	Ala.
A.B. 1948, San Francisco State College	Utah	Lowder, Kate Howard	Ala.
Lloyd, Bruce A.	D.C.	Lowder, Margaret Howard	D.C.
Lo, Charles Hsiao-ch'ao		Lowe, George Andrew	
A.B. 1934, A.M. 1939, Yenching University		B.S. in Ed. 1942, Southeast Missouri State Teachers College	Ala.
Lo, Fo Ling	China	Lowe, Guy Snyder	W.Va.
Loan, Roy William, Jr.	D.C.	Lowe, J. William	D.C.
Loatman, Paul John	N.Y.	Lowe, Mary Elder	N.C.
B.S. 1942, Siena College, N. Y.		Lowe, Paul	Idaho
Lobb, Allen Wilbur	Wash.	Lowe, Waynard Wilson	
Lobo, Oswaldo Castro	D.C.	B.S. 1942, University of Idaho	Calif.
Lock, Helen Elizabeth	D.C.	Lowey, Alfred Raymond	D.C.
Lock, Marion Geraldine	Va.	Lowrey, Mary Booth	Va.
Locke, Irving A.	Mass.	Loye, Elizabeth Crosby	D.C.
B.S. in B.A. 1938, Boston University		Lubar, Gloria Marcia	D.C.
Lockhart, Elizabeth Berkeley	Va.	Lucas, Allene Myrtle	
A.B. 1927, College of William and Mary		A.B. 1942, The George Washington University	Ohio
Lockridge, Marx Howard	Va.	Lucas, Azelene Ellen	D.C.
Lockwood, Charlyne Lorraine	Ark.	Lucas, Bertha Lovell	Va.
Lockwood, Frances Marguerite	D.C.	Lucas, Charles William	Va.
Lockraft, Vonnelle Bogan	Md.	Lucas, Elizabeth Penn	D.C.
Loeder, Byron Dunfee	Va.	Lucas, Ethel M.	
Lodve, Thomas Ellis, Jr.	D.C.	Th.B. 1931, B.D. 1932, Gordon College of Theology and Missions	
Loeber, Anita P.	Calif.	A.M. 1942, The George Washington University	Va.
Loewy, Lucile H.	D.C.	Lucas, Mildred F.	D.C.
Loferen, Dennis Gustave	Va.	Lucero, Modesti Garrata	Pi.
Loftin, T. Elaine	Va.	Ludolph, Ruth Jeanne	D.C.
Lofton, Juanita J.	Md.	Ludwig, Robert Clinton	Md.
Loftus, Ruth Elaine	D.C.	Lueth, Charles Salak	
Loggins, James E., Jr.		B.S. 1917, University of Wisconsin	Neb.
A.B. 1943, The George Washington University		Lugn, Richard Victor	Wis.
Logsdon, Hugh David	D.C.	Lugowaki, Stella Frances	D.C.
Lohr, Mary Catherine	D.C.	Lukasewich, Olga	
Lombardi, Margaret Christina	Mont.		



Lukens, Fred Edward A B. 1908, University of Idaho	Idaho	Macina, Louis De Raimons	D.C.
Lukens, Helen Frances	Va.	Macinilla, Louis Joseph	D.C.
Lukens, Louise O.	D.C.	Macinilla, Mary Rosina	D.C.
Lukens, Roxana Mae	D.C.	A B. 1932, The George Washington University	
Lukens, Ruth Elizabeth A B. 1939, University of Idaho	Md.	Mack, Muriel Winifred	D.C.
B.S. 1942, Simmons College		Mack, S. LeRoy	D.C.
Lumer, Wilfred	Md.	B.S. 1942, Wilson Teachers College	
Lumsden, Edith	Wyo.	A.M. 1944, American University	
Lund, Walter V.	Minn.	Mackay, Clarence Wallace	Md.
Lundberg, June Camellia	Fla.	E.E. 1926, Rensselaer Polytechnic Institute	
Lundy, Leroy Fred	Wash.	M.B.A. 1928, Harvard University	
Lunsford, John Lewis	Va.	Mackenzie, Donald Edward	Canada
Lupo, Raphael Matthew B.S. in C.E. 1922, Cooper Union	N.Y.	Mackenzie, Robert Earl	D.C.
B.S. in Eng. 1944, The George Washington University		B.S. 1942, California Institute of Technology	
Luteranick, Agnes Elizabeth	Pa.	Mackey, George McLaurine	Va.
Lutes, Barbara Jean	Md.	B.S. 1935, Wilson Teachers College	
Luther, Ernest Harry	Va.	A.M. 1940, The George Washington University	
Lustner, Margaret Marie	D.C.	Macleas, Marion Elizabeth	D.C.
Lustner, Shirley Madge	D.C.	Mae Michael, Margaret Hamilton	D.C.
Lyddane, Barbara Louise	D.C.	MacMillan, Ann Romney	Va.
Lyddane, Hannah May	D.C.	A.B. 1944, University of Michigan	
Lynch, Jean	Md.	MacPherson, Muriel Grace	D.C.
Lynch, Mary Garnette	N.C.	MacPherson, Virginia Helen	D.C.
Lynn, Margaret Elizabeth	Va.	Mac Rae, Malcolm Merritt	Calif.
Lynn, Marjorie Angela	D.C.	Macias, Charles Pete	Ga.
Lynn, Rita L.	D.C.	Macy, Muriel Enid	S.D.
A.B. 1943, Trinity College		Maddlock, Mary E.	N.Y.
Lyon, Hannah Richardson	D.C.	Maddox, Harry Gene	Ky.
Lyon, Mildred Carolyn	D.C.	Maddox, Philipa Edwina	Va.
Lyon, Phyllis Anne	D.C.	Maddill, Ethel Mae	Va.
Lyon, Virginia Ann	D.C.	Madison, John Lewis	Nebr.
Lyns, Barbara March	D.C.	Madorsky, Sherry Ruth	D.C.
Lyns, David Robert	D.C.	Mayann, Patricia Esme	D.C.
Lyns, James Robert	D.C.	Maece, Geraldine Catherine	Va.
Lyns, Patricia Ann	D.C.	Maece, Robert Henry	Va.
Lyns, Robert Timothy	Conn.	Maece, Willie Mae	Tex.
M		Macnussen, Swava Louise	Canada
Maag, Carolyn Ann	Ind.	Magruder, Jane Garland	Va.
Maas, Leroy John	Ind.	Magruder, Marion Virginia	Va.
B.S. 1928, Oakland City College		A.B. 1921, Randolph-Macon Women's College	
Mabis, Ruth Irene	Va.	A.M. 1935, The George Washington University	
MacAloon, Mary Rose	D.C.	Magruder, Ruth Allene	W.Va.
Macatee, Mary Lane	D.C.	Maguire, Helen Ross	D.C.
MacCabe, Elizabeth Marie	D.C.	A.B. 1944, The George Washington University	
MacCabe, William James	Calif.	Maguire, Joseph Patrick	Wash.
MacDonald, Alice Eleanor	D.C.	B.S. 1941, University of Washington	
A.B. 1943, Milwaukee-Downer College		Maguire, Margaret Herold	N.J.
MacDonald, Alice Margaret	Va.	Magurn, Joseph John	D.C.
MacDonald, Barbara McCloskey	D.C.	A.B. 1938, Harvard University	
MacDonald, LaVaque	N.Y.	Mahaffey, Steve Renfrew	Calif.
M.F. 1924, Cornell University		Maher, Gloria Van Huyck	D.C.
MacDonald, Helen	D.C.	Maher, Mary Jane	D.C.
MacDonald, Torrence Hugh	D.C.	Mahone, Eva Belle	D.C.
A.B. 1939, Montana State University		Mahoney, Marion Margaret	D.C.
MacDonnell, Agnes Jean	Conn.	B.S. 1942, Wilson Teachers College	
MacDonnell, Gordon Carlyle, Jr.	Mich.	B.S. 1942, University of Maryland	Del.
MacFarland, Jay William	D.C.	Mahrer, Mary Elizabeth	
B. of Aero.E. 1942, University of Minnesota		Mayer, Mary Frances	Ind.
M. of Aero.E. 1944, New York University		Marnhart, Howard Morsell	D.C.
MacFarlane, Betty Love	D.C.	Manning, Arthur Marina	D.C.
MacFarlane, Jane	Nev.	Marotana, Nathan Joseph	D.C.
Mac Gillvary, Marjorie Dorothy	D.C.	Marotana, Rosalie Mary	Wis.
A.B. 1943, Syracuse University		Marots, Sarah	Okla.
MacGregor, Sue Spearman	Miss.	Mak, George	N.J.
Machlup, Mitzi	D.C.	Makela, Priscilla Josephine	Mich.
MacIntyre, Donald	Conn.	Makowski, Velma Stella	W.Va.

Makuck, Helen Catherine	Conn.	Marchinkonskie, Norma L.	Ill.
Malcolm, Betty Jean	Ohio	Marchinkoskie, Walter Joseph	D.C.
Maldonado, Elena	P.R.	Marchinkowski, Chester Joseph	Md.
Malensky, Jeannette	N.Y.	A.B. 1942, University of Buffalo	N.Y.
Maletz, Charlotte Doris	D.C.	Marcosana, Muriel Angelo	Mass.
Malin, Jeanette	D.C.	Marcum, Leocade Leighton	
Malin, Leon Breen	D.C.	A.B. 1939, Tufts College	
Mallgrove, William John	D.C.	A.M. 1943, The George Washington	
Mallory, Robert Henry	D.C.	University	Va.
Mallyck, E. Theodore	Va.	Marden, Ethel Cox	Mass.
B.S. in E.E. Drexel Institute of		Mardirosian, James	D.C.
Technology		Marek, John	Pa.
Malone, Betty Marie	Md.	Margolis, Gustave Sheldon	
Malone, Ruth Marguerite	W.Va.	A.B. 1942, University of Chicago	D.C.
Maloney, Rosemary Constance	D.C.	Margraf, Harold Francis	
Malowski, Mary Marguerite	Minn.	B.S. 1931, New York University	
Maltarliati, Oreste Francis	D.C.	M.S. 1936, College of the City of	
Maltby, Wilson Roy	Va.	New York	Pa.
A.B. 1939, Milton College		Marichak, Barbara	D.C.
A.M. 1933, University of Wisconsin		Marini, James V.	D.C.
Mamish, Julia	W.Va.	Markova, Emmie Audrey	Canada
Managan, William Warren	La.	Markovich, Ella	Mich.
A.B. 1943, Vanderbilt University		Markowicz, Angela	N.J.
Mancus, Jean Taylor	Pa.	Markowitz, Irving	D.C.
Mandel, Pearl	D.C.	Marks, Lester	Maine
Mandelowitz, Helen	N.Y.	Marks, Pauline Galen	D.C.
Mandl, Leonard Jerome	N.Y.	Markus, Edith Sugar	D.C.
LL.B. 1936, LL.M. 1937, B.S. 1938,		Marlowe, Eugene Gerald	D.C.
St. John's University		Marquardt, Eugene Anthony	D.C.
Manfredi, Louis Anthony	Va.	Marr, Jeanette	Md.
B.C.S. 1934, New York University		A.B. 1944, The George Washington	
Mangler, Barbara Helen	D.C.	University	D.C.
Manis, Beatrice Lee	Tenn.	Marsh, Lois Cambern	D.C.
Manis, Lillian Ruth	Tenn.	Marsh, Nancy Bernice	D.C.
Mankin, Haven Winslow	Md.	Marsh, William Johnson	Va.
A.B. 1943, Washington and Lee		Marshall, Agnes Isabella	Wis.
University		Marshall, Charles Joseph	Va.
Mann, Cecil John	Pa.	Marshall, Claudia	D.C.
Mann, Dewey	D.C.	Marshall, Doreas Pauline	D.C.
Mann, Dorothy Patricia	Md.	Marshall, Gladys Edith	D.C.
Mann, James Packard	D.C.	Marshall, John C.	D.C.
Mann, Jean Carol	D.C.	Marshall, Louise Oliver	Miss.
Mann, Margaret Blackwell	Ky.	Marshall, Margaret P.	Va.
Mann, Mary Ainsworth	Va.	B.S. 1942, Mary Washington College	Ind.
Mann, Richard Thomas	D.C.	Marshall, Marguerite M.	Pa.
Mann, Shirley Louise	D.C.	Marston, Margaret Mary	Md.
Manne, Jacqueline	N.J.	Marston, Rebecca Galloway	D.C.
Manning, Bayless Andrew	Va.	Marste, Stuart Henry	D.C.
A.B. 1944, Yale University		Martel, Mabel	N.Y.
Manning, Robert Joseph	N.Y.	Martell, Robert John	D.C.
Manolatos, Anne G.	D.C.	Martin, Barbara Jeanne	N.C.
Mansbridge, Stanley Edward James	England	Martin, Carolyn Locke	D.C.
Mansell, Billie Dawn	Ill.	Martin, Catherine Ann	D.C.
Mansfield, Harry Kennard	Mass.	Martin, Edward F.	Va.
A.B. 1941, LL.B. 1943, Harvard		Martin, Fey Lillian	D.C.
University		Martin, Franklin	
Mansfield, Helen Pikul	Mass.	A.B. 1942, The Citadel	Md.
A.B. 1942, Radcliffe College		Martin, F. Mervin	D.C.
Mansfield, Mae Helen	Ill.	Martin, Gwendolyn Gertrude	Va.
Mansfield, Wanda Lorene	Ill.	Martin, Janice Catherine	D.C.
Mantell, Leroy Harris	Va.	Martin, Jean Elder	
A.B. 1942, The George Washington		A.B. 1938, Washington University	D.C.
University		Martin, John Gaillard	Ga.
Manthev, Charles Edwin	Ohio	Martin, Mary Estill	
Mantle, Mary Swift	Va.	A.B. 1943, Agnes Scott College	Maine
A.B. 1936, University of North Carolina		Martin, Ralph Edward	Tex.
Manville, Robert Wellensiek	D.C.	Martin, Raymond John	
Maples, Houston Ledbetter	Va.	B.B.A. 1937, LL.B. 1940, University	Pa.
Mapou, Albert	N.Y.	of Texas	D.C.
B.S. 1941, College of the City of		Martin, Robert Edward	D.C.
New York		Martin, Rosa Irene	Md.
Marano, Matthew J.	N.J.	Martinik, Margaret Joan	
Marazzane, Dorothy Ann	Minn.	Martinet, Leigh Marbriott	

Martino, Roger	W. Va.	McAffee, Don B.	Utah
Martinor, Romo Humberto	D. C.	A. B. 1941, Brigham Young University	
B. S. 1940, Universidad Nacional		McAfee, Virginia Elizabeth	D. C.
De Mexico		McAlister, Julia Adelaide	Mt.
Maruca, Vera D.	Pa.	McAlister, Lewis	Ill.
Mason, Shirley June	D. C.	McAlear, Frank Ed.	Ark.
Massa, Emma	N. Y.	McArdle, Louella Margaret	Pa.
Massell, Shirley Claire	Ga.	McArthur, Jean Roush	Ill.
A. B. 1945, American University		McAvoy, William Bernard	Maine
Massey, Mauvaleen	Ala.	A. B. 1944, The George Washington	
Massey, Winina	D. C.	University	
B. S. 1942, Brigham Young University		McBride, Daniel Arthur	D. C.
Massie, Julia Baird	Va.	McBride, Robert James	D. C.
Massolotti, Lillie	Va.	McCabe, Francis Webb	D. C.
A. B. 1936, The George Washington		McCabe, Roxanne Cawles	Ill.
University		McCallery, John Kine	D. C.
Massonneau, Suzanne	D. C.	McCallery, Joan Irene	Ill.
Masters, John Adams	Va.	B. E. 1942, Chicago Teachers College	Mo.
Masters, Marcella Claribel	Ark.	McCaghy, Alice Lorraine	D. C.
Mastrocola, Mary J.	Pa.	McCall, Dorothy Texas	D. C.
Mastromichales, Hippocrates	D. C.	McCall, Helen	S. C.
Mastucci, Robert	D. C.	McCall, Rita Agnes	Mass.
Mather, Charles E. II	Pa.	McCalley, John Wallace	Calif.
Mathews, John Bradburn	D. C.	McCallum, Elizabeth	D. C.
Mathiasen, Martha	N. J.	McCann, Dorothy Patricia	D. C.
Matlow, Norman	D. C.	McCann, Evelyn Agnes	N. D.
Matsuda, Tony Ryocho	D. C.	McCarthy, Dennis	D. C.
Mattas, Helen Catherine	Ind.	McCarthy, Mary Agnes	D. C.
Matthew, Mary Katherine	Minn.	McCarthy, Mary Bridget	N. Y.
Matthews, Annie Marguerite	Md.	McCarthy, Robert Joseph	N. J.
A. B. 1937, The George Washington		A. B. 1941, The George Washington	
University		University	
Matthews, Marcia Caroline	D. C.	McCartney, Theodore Robinson	Ill.
Mattimore, Walter Bernard	N. Y.	McCarty, Fay Anne	D. C.
Mattingly, Robert Andrew, Jr.	D. C.	McCarus, Ernest Nasseph	W. Va.
A. B. 1943, The George Washington		McCary, Harry William	Va.
University		A. B. 1918, Bridgewater College	
Mattox, Audrey Elizabeth	Va.	McCathran, Frances Reeves	D. C.
B. S. 1935, Virginia State Teachers		A. B. 1940, Hollins College	
College, Farmville, Va.		McCauley, Richard Stone	Ill.
Mattox, Balfour Davis	D. C.	McCauley, Joseph Dean	Va.
Matuty, Ondina Gloria	D. C.	McCausland, Elizabeth Burgess	Va.
Matvey, John Thomasson	D. C.	McCav, Yvonne Graham	S. C.
B. S. 1934, Duquesne University		McClellan, Barbara Jean	Va.
Maul, Jane Dorothy	Mich.	McClellan, Evelyn A.	D. C.
A. B. 1940, A. M. 1941, Wayne Uni-		McClellan, Howard Frank	Iowa
versity		McClellan, La Vonne Hedeon	Iowa
Maurer, George Joseph	Pa.	McClellan, William Parke	D. C.
Mautnew, Olga Gene	Wis.	McClelland, Royce Stanley	N. C.
Mauzy, Rebecca Allyn	Va.	McCloud, Willys Wagner	D. C.
Mazey, Edythe Lee	D. C.	B. S. in E. E. 1942, Rose Polytechnic	
Mazson, Donald Robert	N. H.	Institute	
B. S. 1944, Bowdoin College		McClure, John Pendleton	D. C.
Maxstant, Mary Elizabeth	D. C.	McCollum, Shirley Roberta	Md.
Maxwell, Miriam Jean	Md.	McComb, Marion Kulgren	Va.
May, Ida L.	D. C.	McConnell, Enid Mary	Idaho
Mayer, Doris	N. Y.	McConnell, Harden Marsden	D. C.
A. B. 1935, Vassar College		McConnell, Josephine	D. C.
Mayer, Frederic Louis	D. C.	McConnell, Mary Helen	D. C.
Mayer, Harold Otto	D. C.	McConnell, Will Wright	Va.
Mayer, Janice Kathryn	Calif.	McCord, Marian Ellen	Mich.
A. B. 1941, University of California		McCorkle, James Stinson	W. Va.
Mayer, Joanne Eileen	D. C.	A. B. 1937, Concord College	
Mayer, Joseph Henry	D. C.	McCorkle, Mary Ellen	Va.
A. B. 1919, University of Chicago		McCormack, Josephine Louise	Mo.
Mayhew, Esther Lillian	Pa.	B. S. 1913, Southwestern University	
Maymi, Protasio	P. R.	McCormick, Richard Joseph	Mass.
Maynard, Zelfha	W. Va.	McCoskey, Robert Edger	D. C.
Mayo, Betty Joyce	Ga.	McCown, Elizabeth Jane	N. J.
Maze, Dorothy Amelia	Pa.	McCoy, Horace Lyman	Md.
Mazeikas, Anthony Frank	D. C.	B. S. 1941, The George Washington	
Mazer, Goldye	D. C.	University	
Mazzafarro, Louise Ida	Conn.	McCoy, Margaret Mary	N. J.



McCrahan, Betty Mae	D.C.	McKibben, Ernest Collett	Wash.
McCray, Sennie Louraine	Va.	B.S. 1942, Washington State College	Nebr.
McCullough, Helen Irene	D.C.	McKibben, Louise	Va.
McCullough, Jane Elizabeth	Pa.	McKinney, Betty Jane	Va.
A.B. 1943, The George Washington		McKinney, Mary Elizabeth	Okla.
University		McKinney, Worthy William	Minn.
McCully, Dorothy Marion	D.C.	McKinnon, Lorraine Margery	Va.
McCutchan, George Morton	D.C.	McKinnon, Maurine Marjorie	S.C.
McCutcheon, James Glezen	N.Y.	McKinnon, William Thomas	
A.B. 1941, University of Buffalo		A.B. 1925, A.M. 1926, University of	
McDaniel, Evangeline	Va.	South Carolina	Ill.
McDaniel, Max Gardner	N.C.	McKune, Muriel Lois	D.C.
McDaniels, Mildred Virginia	W.Va.	McLaughlin, Leila Lytle	Conn.
McDermott, Stuart Miller	D.C.	McLaughlin, Mary Hicks	D.C.
McDermott, Sylvia Joe	Iowa	McLaughlin, Mary McMillan	N.C.
McDonald, Charles Eugene	Tex.	McLean, Charles Graham	D.C.
McDonald, Leona Eileen	Iowa	McLeod, Edith Lott	D.C.
McDonald, Margaret	S.D.	McLeroy, Reuben Joshua	Minn.
McDonald, Mary Elizabeth Howerton	Va.	McLimans, William Fletcher	
McDonald, Nancy Prew	D.C.	A.B. 1939, University of Minnesota	Calif.
McDonald, Reba Josephine	D.C.	McLoone, Edward Watkins	
McDowell, Barbara Rae	D.C.	B.S. 1942, University of Notre Dame	Calif.
McDowell, Edward Lee	N.J.	McLoone, John Joseph	
McDowell, Jane Parks	N.C.	B.S. 1942, University of Arizona	Okla.
McDowell, Rex Kinney	D.C.	McMahan, Philip	D.C.
McEntyre, Frene Josephine	Idaho	McMains, Anna Marie	Wyo.
McEntyre, Helen Everett	D.C.	McManus, Jean	
McEwan, James Gray	N.Y.	LL.B. 1940, LL.M. 1941, National	
McEwan, Mary Adelaide	Va.	University Law School	N.Y.
McFall, Creed Flannery	D.C.	McManus, John Joseph	Mich.
McFarland, Betty Mae	Fla.	McManus, Lucille	Utah
McFarland, Clyde Arnold	D.C.	McMillan, George Michael	D.C.
McGann, Marjorie Louise	D.C.	McMillan, Marjorie Alice	D.C.
McGarry, Daniel Beck	Utah	McMillon, Bonnie Jean	D.C.
McGarry, Edward Clifford	N.J.	McMullen, Marjorie Ann	Minn.
McGeary, Harriet Ann	D.C.	McMullen, Patricia May Belle	S.C.
McGill, George	D.C.	McMurray, Hazel Albertine	D.C.
McGilvery, Francis Edward	D.C.	McNabb, Gertrude Elliott	D.C.
McGonagle, Emily Prinn	Oreg.	McNair, Elizabeth Julia	D.C.
McGowan, Lenore Pritchard	Va.	McNair, Joseph	Va.
McGowan, Robert Pennell	D.C.	McNally, Jean Wilson	Pa.
McGrady, Mary June	D.C.	McNaughton, Elizabeth H.	N.C.
McGrath, Sally Louise	Md.	McNeely, Sue De Armon	
McGrath, Shirley Mae	Mass.	A.B. 1930, Queens College	D.C.
McGregor, Ruth Gill	Pa.	McNeese, Laura Butler	N.Y.
A.B. 1938, University of North		McNeil, George Joseph	
Carolina		B.S. 1943, Columbia University	D.C.
McGue, John T.	Ariz.	McNutt, Anna Mary	D.C.
McGuire, Ethel Lucille	D.C.	McQuaide, Elizabeth Mae	D.C.
McHarg, Charles Austin, Jr.	Va.	McQueary, Dennis Everett	Miss.
B.S. in E.E. 1943, Union College		McQueen, James M., Jr.	
McHold, Ted Ervin	Md.	B.C.E. 1932, The George Washing-	
A.B. 1934, Western Michigan College		ton University	Fla.
of Education		McQueen, Olanda	Va.
A.M. 1938, University of Michigan		McQueen, Robert Charles	
McHugh, Joan Suzanne	D.C.	A.B. 1943, Dartmouth College	Ariz.
McIlroy, Joanna Reed	Iowa	McRae, Alice Eliza	Va.
McInteer, Sarah M.	N.Y.	McRae, Luther Cecil	
McIntosh, Albert Leroy	D.C.	A.B. 1927, M.Ed. 1928, Duke Uni-	
McIntosh, Frank Holmes	Md.	versity	Ill.
McIntyre, Fred Lewis	D.C.	McReynolds, James Sloan	
McIntyre, Robert Varnon	D.C.	A.B. 1944, The George Washington	
A.B. 1915, The George Washington		University	N.J.
University		McShane, Rudolph Matas	
McIntyre, William G.	D.C.	B.S. 1928, Tulane University	Pa.
McKechnie, James	Del.	McShane, William Robert	D.C.
McKenzie, Jacob Ross	D.C.	McTwiggan, Patricia Ann	D.C.
McKenzie, Lawson Morell	Ind.	McVay, Charles Butler	Md.
B.S. 1944, A.M. 1938, The George		Mead, Charles Alexander, Jr.	
Washington University		A.B. 1943, The George Washington	
McKeown, Michael	Mich.	University	Va.
McKey, Richard Kendall	Utah	Meade, Arthur Edward	

Meadows, L. Frances A.B. 1942, Alabama Polytechnic Institute	Ala.	Messery, Agnes Erla	D.C.
Meadows, Lulu	W. Va.	Messick, Jean Wadsworth	D.C.
Meadows, Mary Exie	Ala.	Metcalf, Frances Scarth	N.D.
Means, Harriette Monette	Ark.	Metcalf, Lochie Dale	D.C.
Mears, Ann Elizabeth	Va.	A.B. 1913, Arkansas University	D.C.
Mears, Thomas Wakefield	Ala.	Metcalf, Maude Alice	W. Va.
Measel, Ira Daniel, Jr. B.S. 1943, University of Alabama	Md.	Metteny, Ruth Eleanor	S.C.
Measel, Ira Daniel, Jr. A.B. 1935, Washington College	Md.	Metropol, Bannia Lavinia	S.C.
Medby, Jill Iris	Md.	Metropol, Mary Margaret	Md.
Meehan, Katherine Louise	Mo.	Metz, Mary Robin	D.C.
Meeker, Dora Elizabeth	Ark.	Metzelaar, Paul Norman	D.C.
Meeker, Wilma Anne	Ark.	Prop. Ex. N.I. 1940, Technische Hoogeschool, Delft, Netherlands	
Meekins, Daniel Clifton, Jr.	Ark.	M.S. 1941, University of Michigan	Pa.
Meeks, Harry Ronald	D.C.	Metzler, Bette Jane	D.C.
Meeks, William Hamilton	Ohio	Meyer, Adolphe Gadol	N.Y.
Meese, William John	D.C.	Meyer, Alma Louise	Va.
Meuwisen, Alys Mary	Va.	Meyer, Charles Henry, Jr.	Md.
Mogella, Ella	Mich.	Meyer, Jacob Franklin	Tex.
Mohafey, William Truby	Pa.	Meyer, Lucille W.	Tenn.
Mominger, Karl August	D.C.	Meyer, Marguerite Joyce	
Meldrum, Robert A.	D.C.	A.B. 1940, University of Chattanooga	Pa.
Meleco, Guzman Vera	Ill.	Meyers, Edward Joseph	Md.
Melenzyer, Charles Louis	D.C.	Meyerson, Winifred Aileen	D.C.
A.B. 1943, Bucknell University	Pa.	Meynes, Basil John	Ohio
Melchinsky, Helen Catherine	Conn.	Mubrick, Ann Louise	D.C.
Melham, Charlotte Arline	Ill.	Michael, Jerrold Mark	D.C.
Melham, Betty	D.C.	Michaels, Otto Ernest	Va.
Melham, Ruth	D.C.	Michaels, Audree Fleming	D.C.
Melow, Charles Fewlong	Iowa	Michaels, Ruth G.	Mich.
Meltzer, Beatrice Anne	N.Y.	Mistarka, Anne Cecilia	D.C.
Melzer, Allen E.	Va.	Michalowski, Cecilia Rita	N.Y.
Melville, Donna Isabelle	N.Y.	Mihelsen, Paul Frederick	D.C.
Melville, John Edward	N.Y.	Mihelson, Claire	N.Y.
Melvin, Bette Anne	D.C.	Mickelsen, Pauline Edith	Wash.
Melvin, Flavell Bryan, Jr.	Va.	Mickelsen, Walter	Va.
Melvin, Mary Louise	N.C.	B.B.A. 1933, University of Washington	
Mender, Willard Robert	Va.	A.M. 1942, The George Washington University	
A.B. 1941, The George Washington University		Mickey, John Speer	D.C.
Mendelsohn, Ethel Louise	Miss.	Middleman, Miriam	N.Y.
Mendes, Amelia C.	D.C.	Middleton, Anne Winifred	D.C.
Mendousse, Jean Sylve	Wash.	Middleton, Kathleen Edna	N.J.
Menelee, Percy Moseley	Tex.	Middleton, Mary Nell	Va.
Menges, Paul Fillmore	Kans.	Miedke, Robert Carl	D.C.
Menninger, Roy W.	Kans.	Miehalsick, Anna Bella	Pa.
Menzel, Gloria Charles	D.C.	Miehalsick, Teresa	Md.
Mercer, Betty Broff	D.C.	Mijuskovic, Inez	D.C.
Mercer, Martin James	D.C.	Mijuskovic, Max	D.C.
B.S. in M.E. 1944, Purdue University	D.C.	Mikesell, Alfred Hougham	
Mercier, V. Marie	D.C.	A.B. 1915, University of California	D.C.
Mercier, Renee Patricia	D.C.	Mikheeva, Anna Aleksandrovna	N.Y.
Merdler, Erma	N.Y.	Miklofsky, Haaren Albert	P.R.
Meredith, Rose Aileen	Pa.	Milan, Ramon Arturo	D.C.
Merkle, Jeanette Bronson	Fla.	Millbourn, Mary Louise	D.C.
Merrell, John Yates	Va.	Millbrath, Robert Henry	D.C.
A.B. 1942, Brigham Young University		B.S. 1934, United States Naval Academy	
Merrill, Edys Ida	Va.	Miles, Elton Roger	Tex.
Merrill, Homer S.	D.C.	A.B. 1939, Baylor University	
B.C.S. 1942, University of Georgia	Idaho	Miletich, Marie Victoria	D.C.
Merrill, Lowell Garr	Mass.	Miller, Teresa Elizabeth	D.C.
Merriman, Dolores Elizabeth	Okla.	Miller, Elizabeth Naquin	Calif.
Merritt, Frances June	D.C.	A.B. 1931, San Diego State College	
Merritt, Margaret Reed	D.C.	A.M. 1942, University of Southern California	
A.B. 1920, A.M. 1926, The George Washington University	D.C.	Millar, Jack William	Calif.
Merritt, Violet Seraphia	D.C.	A.B. 1944, Stanford University	N.Y.
Mertz, Betty Anne	D.C.	Millar, John McGrewor	
Mesbane, William Robert	Pa.	A.B. 1941, Williams College	Calif.
Meale, Kathalea Sprague	Mo.	Millar, Max Stephen	
		A.B. 1943, Fresno State College	

Millar, Ronald Kenneth	Calif.	Millican, Archey Smithson	D.C.
A.B. 1931, San Diego State College		A.B. 1914, Randolph-Macon College	Mo.
Millard, Francis Rhodes	Va.	Millican, R. Doris	D.C.
Miller, Adele	Ala.	Miliken, Elizabeth Crawford	Va.
B.S. 1933, University of Alabama		Miliken, Lewis Thurston	
Miller, Albert William	Md.	A.B. 1944, Bowdoin College	Pa.
B.S.C. 1935, University of Alberta		Mullren, Miriam Lucille	D.C.
Miller, Allen John	Md.	Mulls, A. Jacqueline	D.C.
Miller, Alma Nadine	D.C.	Mills, Edward Francis	D.C.
Miller, Antonine Geoffrion	D.C.	Mills, Esther Brownell	Va.
Miller, Betty Lou	Minn.	B.S. 1937, Wayne University	Mo.
Miller, Betty Marie	D.C.	Mills, Jewell Muriel	D.C.
Miller, Bradford	Va.	Mills, John Aloysius	
Miller, Carl	D.C.	B.S. in Ed. 1940, Wilson Teachers College	D.C.
B.S. 1940, College of the City of New York		Mills, John Lepper	Va.
Miller, Charles Harrison	Pa.	Mills, Olivia Joyce	Va.
Miller, Charlotte Nevins	Pa.	Mills, Shirley Burke	R.I.
Miller, Dale Frederick	Ohio	Mills, Stephen Roy, Jr.	Va.
B.S. 1933, Ohio State University		Mills, Virginia Faye	D.C.
Miller, Edith Ilomay	Idaho	Millsap, Muriel Mary	
B.S. 1935, University of Idaho		B.S. in Ed. 1945, North East Missouri State Teachers College	Md.
Miller, Edna Virdena	Kans.	Milor, Evelyn Lorraine	Md.
Miller, Evelyn Wells	D.C.	Milstead, Valence Moore	D.C.
Miller, Felicia Mary	D.C.	Minear, Mary Susan	D.C.
Miller, Florence Shirley	D.C.	Mingalova, Svetlana P.	N.C.
B.S. 1942, Pennsylvania State College		Minges, Charles Robert	Ohio
Miller, Frank Lewis	D.C.	Minnich, Ruth Catherine	Va.
Miller, Frank Nelson, Jr.	Md.	Minno, John	
B.S. 1943, The George Washington University		A.B. 1938, University of Pittsburgh	Md.
Miller, Georgia Edna	Wis.	Minor, Arthur Hirsch	Tenn.
A.B. 1927, A.M. 1933, University of Iowa		Minor, Florence Elizabeth	W.Va.
Miller, Herbert Andrew	N.D.	Minor, James Beryl	N.Y.
Miller, Homer Ralph	D.C.	Minaky, Evelyn	D.C.
Miller, Jean Satterlee	D.C.	Misner, Robert David	D.C.
Miller, Joshua Albert	Md.	Misson, Nancy Louise	Va.
B.S. 1912, University of Maryland		Mitchell, Anne Hubbard	D.C.
A.M. 1938, The George Washington University		Mitchell, Eileen Davies	D.C.
Miller, June Iris	Va.	Mitchell, Janet MacDonald	N.Y.
Miller, Lee	Calif.	Mitchell, John	
Miller, Lelia Jane	D.C.	A.B. 1930, Union College	Nebr.
Miller, Louis Ashur	D.C.	Mitchell, Lawrence E.	
Miller, Lucille McBride	D.C.	A.B. in Ed. 1938, Nebraska State Teachers College	Maine
Miller, Margaret Elizabeth	Pa.	Mitchell, Marguerite Amy	Va.
A.B. 1932, Ursinus College		Mitchell, Nell Jean	D.C.
Miller, Marian Louise	Minn.	Mitchell, William Carleton	
Miller, Marie Frances	D.C.	B.S. in Ed. 1940, University of Cincinnati	D.C.
B.S. in Ed. 1940, University of Alabama		Mitzel, Marion Patricia	D.C.
Miller, Mary Elizabeth	D.C.	Mnogolet, Nadezhda	Ind.
Miller, Melvin Eugene	Pa.	Mock, Dana Lee	Mich.
Miller, Olive Marie	D.C.	Mode, Helen Scott	
Miller, Phyllis	D.C.	A.B. 1944, University of Michigan	Calif.
Miller, Preston Russell	D.C.	Modell, Clarion	
Miller, Ralph G.	Md.	B.S. in Ed. 1936, M.S. in Ed. 1938, University of Southern California	D.C.
Miller, Reuben William	Kans.	Modlin, Albert Jay	Minn.
Miller, Robert Lawrence	N.J.	Moen, Donna Anne	Iowa
B.S. 1943, Rutgers University		Moen, Mary Elizabeth	Pa.
Miller, Robert Stanley	D.C.	Moesta, Dorothy Lillian	
Miller, Robert William	D.C.	A.B. 1948, University of Pennsylvania	
Miller, Ruth Lynn	D.C.	A.M. 1941, Bryn Mawr College	Va.
Miller, Sally Isabelle	D.C.	Moffat, Harold Larson	Md.
Miller, Samuel Peter	Oreg.	Moffett, Bertrand Lee	D.C.
Miller, Spencer Kelsey	Conn.	Moglen, Muriel Susman	Ill.
A.B. 1942, Miami University		Mohar, Mary Kathleen	Va.
Miller, Tillie Eleane	Va.	Mohonan, Neil Nicholas	Pa.
Miller, Viola L. Carman	D.C.	Mohr, George Elmer	Mass.
Miller, Walter William	Va.	Molignanu, Louise Mary	D.C.
Miller, Winifred Gauthier	Ala.	Moll, Aria	



Moloney, Amanda Gandette Ph.B. 1938, University of Chicago	D.C.	Morgan, Billie B.S. 1936, Farmville State Teachers College	Va.
Molony, Raymond L.	Colo.	Morgan, Helen Kelly B.S. 1941, Temple University	Pa.
Monahan, Mary Louise	Pa.	Morgan, James Martin A.B. 1943, University of Alabama	Ala.
Mond, Lorraine Agnes	Ill.	Morgan, Jane Dibble A.B. 1939, University of Rochester	Va.
Monday, Mary Lee	Md.	Morgan, Kathryn Rebecca Morgan, Madison B.	Va. Md.
Monette, Gilberte	Canada	Morgan, Margaret Lois B.F.A. 1937, Syracuse University	N.Y.
Monier-Williams, Marie Ceile Isabel	D.C.	Morgan, Robert Frederick B.S. in Ed. 1941, Temple University	N.J.
Monmonier, Anne A.B. 1944, College of Notre Dame of Maryland	D.C.	Morgan, Ruth Ann	Ill.
Monroe, Beverly Anne	D.C.	Morgan, Warren William	Iowa
Monroe, Olga Ellen	D.C.	Morgan, William Lee	D.C.
Montague, Marion Mae	Va.	Morgan, Woodruff Simms	D.C.
Montel, Olive	N.Y.	Morgan, Virginia Eloise	Va.
Montel, Patricia	N.Y.	Morganston, Dolores Ethel	D.C.
Montes, Jeanette Fe	D.C.	Morgart, Lena A.B. 1941, The George Washington University	Pa.
Montfort, Florence Bolduc	D.C.	Morin, George R.	Va.
Montgomery, Donald O'Dean	D.C.	Morland, James Charles	D.C.
Montgomery, Dorothy Mae	D.C.	Morrill, Charlotte Ann	Vt.
Montgomery, Emma Gray	D.C.	Morris, Dorothy Stewart	D.C.
Montgomery, Margaret Rosson	Va.	Morris, Edwin Thaddeus	Va.
Montgomery, Martha Ann	Va.	Morris, Frances Jeannette A.B. 1945, The George Washington University	Va.
Montgomery, Robert Henry B.S. 1943, University of Dubuque	D.C.	Morris, Frances Rita	D.C.
Montgomery, Robert Rice	D.C.	Morris, Grace Dorothy	S.D.
Moody, Cecelia Lane	Va.	Morris, Marjorie Pauline	Ohio
Moody, Elizabeth Carol	Va.	Morris, William Shelton	Tex.
Moody, Halbert Jones B.S. in B.A. 1942, University of Arkansas	Ark.	Morrison, James Robert	D.C.
Moyn, Joan Marie A.B. 1942, University of Maryland	Md.	Morrison, Lois Sue	Va.
Moyn, Nancy Miller B.S. 1946, Syracuse University	Pa.	Morrison, Marian Brownell	Va.
Mooney, Mark Wendel	Md.	Morrison, Nelia Kathleen B.S. 1940, A.M. 1941, Alabama Polytechnic Institute	D.C.
Mooney, Nancy Ann	D.C.	Morrison, Sue	Va.
Moore, Ralph Carl B.S. 1937, University of Georgia	Ga.	Morrison, Vinal Addison	Maine
Moore, Ruth Sanders B.S. 1939, University of Georgia	Ga.	Morrissey, Margaret Mary	D.C.
Moore, Ann Childers	Ark.	Morrow, Charles Walker, Jr.	Mich.
Moore, Blanche May	D.C.	Morrow, Finlay William	N.J.
Moore, Christine LaVoie	D.C.	Morrow, Gay A.B. 1943, Lynchburg College	D.C.
Moore, Coral	Iowa	Mortensen, Edith Elizabeth A.B. 1925, Carleton College	D.C.
Moore, Edna Lynde	Va.	A.M. 1927, University of Minnesota	D.C.
Moore, Georgette Louise	D.C.	Mortfeld, Clare Olivia	Vt.
Moore, Helen Elizabeth	D.C.	Mortimer, Marion Georgia	D.C.
Moore, Katherine Ann	Va.	Morton, Conrad Vernon A.B. 1928, University of California	Pa.
Moore, Louis H.	Md.	Moscattello, Anthony Carmen	N.Y.
Moore, Margaret Louise	D.C.	Moscow, Muriel Claire	N.C.
Moore, Marian Jane	D.C.	Musley, Charlotte Wilson	D.C.
Moore, Marion Bliss	Mass.	Moses, Elizabeth Yvonne A.B. 1944, Hollins College	Pa.
Moore, Mary Almeda	Ind.	Mosesso, Theodora	D.C.
Moore, Mary Louise	Md.	Mosier, Mary Fortis	D.C.
Moore, Nathan	Va.	Moskowitz, Margaret	N.Y.
Moore, Waldo Hathorne	La.	Moss, Bernard B.S. 1941, College of the City of New York	N.Y.
Moore, Ward John	Colo.	Moss, Helen Bruce A.B. 1943, Smith College	Wis.
Moore, Warren Horace	D.C.	Moss, Robert Earle	Md.
Moose, Martha Jane B.S. in H.E. 1944, University of Arkansas	Ark.	Moss, Stanley Samuel B.S.S. 1938, College of the City of New York	
Moran, Elah Sasser	Ga.		
Moran, Jane Owen	Va.		
Morar, Mary	Ohio		
More, Virginia Wakeman B.S. 1940, Syracuse University	D.C.		
Moreland, Virginia	Fla.		
Morell, Joseph	D.C.		
Moreno-Robles, Alfonso	D.C.		
Morgan, Alice Susan B.S. 1938, University of Maryland	D.C.		

Mossburg, Eugene Hyatt	Va.	Murphy, Joan Catherine	D.C.
A.B. 1936, Duke University		A.B. 1940, The George Washington University	
Mossman, Paul Burrell	Calif.	Murphy, Mary Barbara	Nebr.
Mott, John Anson	D.C.	Murphy, Mary Frances	D.C.
Mott, Allie May	D.C.	Murphy, Mary Margaret	D.C.
Mott, Howard Otis	N.Y.	Murphy, Patricia Anne	D.C.
A.B. 1941, Union College		Murphy, Patricia May	D.C.
Moulton, Barbara	D.C.	Murphy, Ruth Virginia	Va.
A.B. 1937, University of Chicago		Murphy, Thomas Martin	Ind.
A.M. 1940, The George Washington University		B.S. 1941, University of Notre Dame	Del.
Mounier, Jeanne Angele	D.C.	Murray, Madalyn Baker	Tex.
Mountjoy, Wayne	D.C.	Murray, Michael James	D.C.
B.S. 1943, Montana State College		Murray, Robert Warren	N.Y.
Moximo, Alice	N.J.	Murray, Roger Franklin	
Moy, Ernest Don	D.C.	A.B. 1932, Yale University	
Mucciola, Clotilda	Pa.	M.B.A. 1938, Ph.D. 1943, New York University	
Muehnick, Sarah Belva	D.C.	Murray, Suzanne Carroll	Md.
Mudge, Harold Robert	Md.	Murray, Sydney	D.C.
Muehlhause, William	D.C.	Murrell, Rubye	D.C.
Mueller, Florence Ruth	S.D.	A.B. 1938, Southwestern Louisiana Institute	
Muslenburg, Robert	S.D.	A.M. 1944, George Peabody College for Teachers	Fla.
A.B. 1943, The George Washington University		Murrow, Eugene	
Muir, Walter Rosser	Va.	B.S.E. 1935, Florida Southern College	D.C.
Muir, Wilson Watson	D.C.	Murrow, Juanita Smith	
Mulcahy, David Musgrave	D.C.	A.B. 1930, Florida Southern College	Pa.
Mulcahy, Helen Irene	N.Y.	Murtha, Anne Kathryn	S.D.
Mullen, James Kane	Idaho	Murtha, Mary	
Mullen, John Patrick	D.C.	A.B. 1938, University of South Dakota	
Mullendore, Betty Jane	D.C.	Mushabac, Robert	D.C.
Mullin, Josephine Mary	D.C.	A.B. 1942, Brooklyn College	
Mullin, Mary Ann	D.C.	Mushake, Kathryn	D.C.
Mullins, Elwood Hatcher	Va.	A.B. 1933, The George Washington University	
Mullins, Shirley Ida	Conn.	Mushinsky, Albert	Pa.
A.B. 1943, University of Connecticut		B.S. 1944, University of Pittsburgh	Va.
Mulray, Fayette Krum	Pa.	B.S. in M.E. 1939, University of Virginia	
Mulvey, Irene Hathaway	R.I.	Myatt, Paul Jones, Jr.	D.C.
Mundy, Frances Corinne	Va.	Myer, Ruth Estelle	N.Y.
A.B. 1941, Emory and Henry College		A.B. 1937, Hunter College	D.C.
Munger, Lorraine Lunette	Va.	Myers, Barbara Joan	D.C.
Munoz, Leonor Garcia	D.C.	Myers, Helen Sherman	
Munro, Esther Janet	Md.	B.S. 1940, The George Washington University	
Munsil, Lloyd Marley	Ariz.	Myers, John Dallas, Jr.	Va.
Munson, Betty Maxine	Ind.	Myers, John Jacob, Jr.	Pa.
Munson, Hugh Benjamin	S.D.	Myers, June Louise	Md.
B.S. 1943, University of South Dakota		Myers, Richard Clayton	N.J.
Murana, Christine Agnes	Md.	Myers, Sara Marie	
Murdock, James Oliver, Jr.	D.C.		
Murdock, Marion Lippitt	R.I.	N	
A.B. 1942, Brown University		Naccarato, James Joseph	N.Y.
A.M. 1943, Columbia University		A.B. 1943, Central College of Iowa	Tex.
Murphree, Athel Walton	Ala.	Nadeau, Frances Nee	Ill.
Murphree, Helen Marie	Tex.	Naden, Velma Hudkins	D.C.
Murphy, Anna Lu	D.C.	Nashle, Milton Frederick	D.C.
A.B. 1944, The George Washington University		Nagle, John Jacob	D.C.
Murphy, Barbara Marie	D.C.	Nahme, Muriel Lee	N.Y.
Murphy, Christopher Joseph, Jr.	D.C.	Nadel, Simon	
Murphy, Edward Michael	Wis.	A.B. 1927, College of the City of New York	
LL.B. 1937, University of Wisconsin		A.M. 1928, Columbia University	D.C.
Murphy, Eleanor Marguerite	D.C.	Naiman, Robert Morton	
Murphy, Eleanor Ruth	D.C.	A.B. 1943, The George Washington University	D.C.
Murphy, Elton Ira, Jr.	Tenn.	Nakarada, Mark Elaine	D.C.
Murphy, Georgia Worth	W.Va.	Nalley, Jean Paxson	D.C.
Murphy, Geraldine Kathryn	Ohio		
Murphy, Ione	Va.		
A.B. 1938, College of William and Mary			
Murphy, Jay W.	Ill.		
A.B. 1933, University of Illinois			
J.D. 1943, The George Washington University			

Nalls, Virginia Ann	D.C.	Nicah, Ruth Elizabeth	Pa.
Nameth, Betty Evelyn	D.C.	Nichols, Charles Chester	D.C.
Nance, Ella Dunlap	Va.	Nichols, Emale Maxine	N.C.
Nance, Mary Jane	D.C.	Nichols, John Solon	D.C.
Nannin, Frances Davis	D.C.	Nichols, Margaret Elizabeth Anne	D.C.
A.B. 1935, The George Washington University		Nichols, Phyllis Annette	D.C.
Naper, John Alfred	Okla.	A.B. 1942, The George Washington University	
Natonsfeld, Cabru Bertrand	D.C.	Nicklas, Charles Edwin, Jr.	W.Va.
Nassif, Helen	Iowa	Nicklous, Frances	D.C.
Nassif, Rose Gravier	D.C.	Niedermies, Carol Elizabeth	Ohio
Nash, Louis Rankin	Ohio	Nied, Christine Henk	N.J.
Nash, M. Eleanor	Kans.	Nied, Helen Ostermeth	D.C.
Nathan, Hans Adolf	Va.	A.B. 1926, Victoria-Luise College, Berlin, Germany	
Nathanson, Bonnie Ruth	D.C.	M.S. 1942, Columbia University	
Navas-Arana, Jose Enrique	D.C.	Niehuss, Jacob Clark	Ala.
Neal, Mary Cassidy	Va.	A.B. 1940, University of Alabama	
Neal, Thomas Ellison	Ga.	Nielsen, Jean Kelly	Va.
A.B. 1940, The George Washington University		B.S. 1949, A.M. 1941, The George Washington University	
Neamen, Anne	D.C.	Nielson, A. La Elizabeth	S.D.
Nettlen, Karl Francis	I.C.	Nierender, Leonard D.	Pa.
B.S. 1942, Davis and Elkins College		Niemi, Irene Marie	Mich.
Negroni-Aanshini, Malen	P.R.	Nielsen, Austin Lawrence	D.C.
Neil, Richard	D.C.	Nilsen, Sylvia Eugene	Utah
Neilson, Lona Ayles	D.C.	A.B. 1940, University of Utah	
Neilson, Robert Oliver	Calif.	Nimetoff, Bertram	N.Y.
Nelson, Arline	D.C.	B.E.E. 1942, College of the City of New York	
Nelson, Bertle	D.C.	Niswander, Ann	Va.
Nelson, Carol Ernestino	Minn.	Niswanger, Joseph Kingdon	Ohio
Nelson, Doris Marie	D.C.	A.B. 1944, The George Washington University	
Nelson, Eric Victor	Md.	Nix, James C.	D.C.
Nelson, Elmer E.	Nebr.	B.S. 1942, University of Alabama	
Nelson, Margaret L.	D.C.	Nixon, Florence Guild	Va.
Nelson, Russell Kermit	D.C.	Nixon, Mary Elizabeth	Nebr.
A.B. 1936, Union College		Nobles, David John	Md.
A.M. 1939, University of Nebraska		Noble, Ben Paul	D.C.
Nelson, Ruth Elaine	Ohio	Noble, Rose	N.C.
Nelson, Theodore Warren	D.C.	A.B. 1942, University of North Carolina	
Nelson, Winifred Belle	Nebr.	Noblin, Frankie Lois	Ala.
Nemir, Fred Robert	Tex.	Noblitt, Vesta Alley	Tenn.
Nesbitt, John	D.C.	Nocket, John Thomas	Pa.
Nesci, Ermenia Josephine	W.Va.	B.S.C. 1941, Temple University	
Nessell, William Edward	D.C.	Nockett, Rosamond Patricia	Mass.
A.B. 1942, The George Washington University		Nolan, Catherine Anne	N.Y.
Nester, Sue Adeline	Mo.	Nolan, Thomas C.	D.C.
Nether, Carl	N.Y.	B.S.S. 1948, Georgetown University	
Neumann, Margaret Jane	D.C.	Nolder, Harry L., Jr.	Calif.
Neumeister, Robert Martin	N.Y.	Nolte, William Robert	D.C.
Nevillo, Florence Irene	D.C.	B.S. 1942, University of Illinois	
Nevitt, Benjamin Wilson	D.C.	Noonan, Mary Elsie	D.C.
Newburg, Bernard M.	Ky.	Norall, Elizabeth Lansdor	Va.
A.B. 1941, Harvard University		A.B. 1943, Colorado College	
M.B. 1934, University of Louisville		Norberg, Willard Perry	Calif.
Newcity, Jacqueline Eck	Md.	A.B. 1943, Stanford University	
Newcomer, Ruth Alma	D.C.	Norby, Marian Olene	Kans.
Newell, Charles Conklin	Ohio	B.S. 1937, Kansas State Teachers College	
Newell, Robert Melvin	D.C.	Norins, Jeanne Lillian	Calif.
A.B. 1941, Stanford University		Norlund, Alice Marie	Minn.
Newell, Zita Dorothea	D.C.	Norman, James William	Fla.
Newer, Sylvia	D.C.	A.B. 1941, University of Florida	
B.S. 1946, New York University		Norment, Mary Hillier	D.C.
Newhall, Mary Allerton	Pa.	Norris, Candis Rebecca	N.C.
Newman, Dorothy Claire	D.C.	Norris, Donald Arthur	N.Y.
Newman, Jack Benton	D.C.	A.B. 1942, University of Rochester	
Newman, Lillian	Conn.	Norris, Edith Tipton	D.C.
Newman, Myrtle Elizabeth	Mich.	Norris, Kalliope Cleo	D.C.
Newquist, Noel Clayton	Kans.	Norris, Laura May	D.C.
Newton, Bonnie M.	Okla.		
Newton, Merilyce	Md.		
Ney, Audrey Jean	D.C.		



Norris, Mary Alice	D.C.	O'Donnell, James Edward	R.I.
North, Mildred Alethia	Tex.	Ph.B. 1931, Providence College	
B.B.A. 1933, Baylor University		O'Donnell, John P.	D.C.
North, Robert Hugh	Wis.	O'Donnell, Kathryn Brooks	Va.
North, Romona Ruth	D.C.	O'Donnell, Paul Daniel	Mass.
Norton, Betty Marie	N.D.	Odmirok, Walter	N.Y.
Norton, Helen Ryan	D.C.	Oesterling, Myrna Jane	Ill.
Norton, Margaret Virginia	D.C.	A.B. 1939, M.S. 1941, University	
Norton, Raymond Howard	D.C.	of Illinois	
Norton, Shirley Ann	D.C.	O'Flaherty, Barbara Jean	Va.
Nosal, Walter Stanley	Pa.	Ogden, Glen	Md.
B.S. 1940, Indiana State Teachers		Ogden, Mary Anderson	D.C.
College		Oglesby, Evelyn Joyce	Ky.
A.M. 1943, The George Washington		Oglesby, Robert Dorsey	D.C.
University		B.S. 1941, University of Pennsylvania	
Nose, Virginia Ruth	W.Va.	Ogletree, Charlie Joe	D.C.
Nostadt, Valentine John	D.C.	Ognibene, Blanche Marietta	D.C.
Notary, Marietta Bertha	Ohio	O'Grady, Martha Mary	D.C.
A.B. 1942, The George Washington		Ogus, Elaine Audrey	D.C.
University		O'Hair, Madonna	Ind.
Nouri, Gloria Maria	Mass.	A.B. 1931, Butler University	
Novak, Madeline Landsberg	N.Y.	Ohlander, Carolyn	N.Y.
A.B. 1940, Hunter College		A.B. 1943, Middlebury College	Mo.
Novarine, Rolande Helene	Md.	Ohlsen, Elizabeth Anne	
Novicova, Lydia Ivanovna	D.C.	A.B. 1944, Midland College	D.C.
Novinger, Mary Alice	D.C.	Oldaker, Hazel Leota	
Nowak, Leopoldina Antonie	D.C.	A.B. 1942, The George Washington	
Nowell, Anna Elizabeth	D.C.	University	
B.S. 1941, Wilson Teachers College		O'Leary, Genevieve Loretta	Wash.
Nowell, Henry Stubbs	D.C.	O'Leary, Mary Jean	D.C.
Nowlin, Sally Shadwick	D.C.	O'Leary, Winifred Mary	Va.
Noyes, Lelia Gordon	D.C.	A.B. 1944, Our Lady of the Elms	
Nunan, Craig Spencer	Calif.	Oleksiak, Rose Ester	D.C.
B.S. 1940, University of California		Oleksyn, Rose	N.Y.
Nunley, William Torrance	D.C.	Oliphant, Ernest Paul	Pa.
A.B. 1940, Marshall College		Olive, John Harry	N.C.
M.S. 1942, Syracuse University		Olive, William Monroe	Mass.
Nuth, Eleanore Julia	N.Y.	Oliver, James Robert	Colo.
Nuttall, Robert Bostick	N.Y.	B.S.C. 1941, University of Denver	
Nye, Therese Gloria	D.C.	Oliver, Louise Lee	D.C.
Nylen, Edward Warren	Md.	Oliver, Maisie Elizabeth	N.C.
B.S. 1942, University of Maryland		Oliver, Malven Reed	D.C.
		Oliver, Mary Frances	Kant.
		Olmsted, Alice Louise	D.C.
		Olsen, Benjamin Cowley	D.C.
		Olshaker, Bennett	D.C.
		A.B. 1943, The George Washington	
		University	
Oaker, James Lanham	Ark.	Olson, Carlous Le Roy	D.C.
Oakley, Loretta Mary	Ohio	Olson, Chester Allen	D.C.
Ober, Esther	Mass.	Olson, Jeane Noordhoff	Wis.
Oberg, Edna Louise	Nebr.	Olson, Mary Louise	D.C.
Oberhansly, Vern Junior	Utah	Olzewski, Martha	Wis.
O'Bob, Marie Margaretta	Pa.	Olzewski, Casimir John	D.C.
Obold, Mary Louise	D.C.	Olszewski, John Joseph	Va.
O'Boyle, Agnes Kathryn	D.C.	O'Meara, John Joseph	D.C.
O'Boyle, Helen Therese	Pa.	O'Neal, Clara Louise	Md.
O'Brien, Alfred B., Jr.	La.	O'Neal, Mary Lee	Ala.
B.S. in M.E. 1933, Louisiana State		O'Neal, Monaire	
University		LL.B. 1933, Columbia University	
O'Brien, James Joseph	Va.	O'Neil, Helen Marie	Md.
O'Brien, Jean Catherine	Iowa	O'Neil, Ruth Regis	Iowa
O'Brien, Joseph Felix	Minn.	O'Neill, Dodair Patricia	D.C.
Obrigewitch, Tillie	N.D.	O'Neill, Dorothy Jane	P.R.
Ochiai, Alice S.	Md.	O'Neill, Edward	Fla.
Ochiai, Esther K.	Md.	Oppenborn, Henry Ludwig, Jr.	D.C.
M.B.A. 1940, University of Southern		Oppenheimer, Lenore Sallie	Fla.
California		Ordway, Elizabeth	D.C.
O'Connell, James Frederick	S.C.	O'Reilly, Louise Doniphan	Md.
O'Connell, Marie Frances Daniel	D.C.	O'Reilly, Marjorie Helen	D.C.
O'Connor, Eileen Frances	R.I.	Ormsby, Edmund	Md.
O'Connor, Jeanne Marie	D.C.	Orndoff, Mary Ann McCann	
O'Connor, William Edmund	Mass.	A.B. 1942, The George Washington	
A.B. 1942, Brown University		University	
Oddsson, Bjorn	Va.		
Odell, Louise	D.C.		

O'Rourke, Harold Patrick	Colo.	Pallister, Helen	D.C.
O'Rourke, Nancy Jane	D.C.	A.B. 1920, Ph.D. 1933, Columbia University	
Orr, Carter Atwood	Mich.	Pallotta, Elizabeth Mary	Vt.
Orringer, William Hubert	D.C.	Palmer, Carroll Funk	Md.
B.S. 1943, Catholic University		M.S. 1940, University of Maryland	
Osborn, Dolores Hazel	D.C.	Ph.D. 1944, University of Pennsyl- vania	
Osborne, Barbara Vonn	Va.	Palmer, Frieda Rosana	Va.
Osborne, Laura Jeanne	Va.	Palmer, Gladys Edith	Va.
Osborne, Virginia	Va.	A.B. 1925, The George Washington University	
Osgood, Elliott Dayton	D.C.	Palmer, Grace Crosswell	Md.
Osheroff, Samuel	D.C.	Palmer, Joan	N.Y.
Osmar, Phyllis Ann	D.C.	Palmer, Madie	Miss.
Oso, Anna Dolores	Pa.	Palmer, Mary Lealie	Va.
Ostby, Clarine Beatrice	Iowa	Palmer, Patricia Anne	D.C.
Ostrander, Ward Stanley	Mich.	Palmer, Richard Emery	D.C.
Ostroff, Ann Littman	D.C.	Palmer, William Colton	Md.
B.S. 1915, Wilson Teachers College		Palsgrove, Janet Laura	D.C.
Ostrow, Bernard Howard	D.C.	Panagos, Peter Anthony	D.C.
A.B. 1944, Miami University		Panizza, Louis Robert	Va.
O'Sullivan, Margaretta De Witt	Va.	Parish, Pauline Jennie	La.
Oswald, Bernard	D.C.	Parish, Walter	D.C.
A.B. 1939, Armour Technical Institute		B.S. 1924, University of Chicago	
Oswald, Elizabeth Janet	Va.	Park, Helen	D.C.
B.S. 1947, University of Maryland		Park, Helen Dorothy	Va.
Otis, Gertrude Ann	Iowa	Parker, Barbara	Va.
Otis, Priscilla Anne	Ill.	Parker, Cecelia Ahern Sherry	D.C.
O'Toole, Ursula Elizabeth	Mich.	Parker, Edith	Tex.
Ott, Maurine Evelyn	D.C.	Parker, Henry Clay, Jr.	D.C.
A.B. 1944, American University		Parker, Jane Ann Youngerman	Va.
Otteson, Lilli Margrethe	Va.	A.B. 1937, Smith College	
Otteson, Doris Julianna	Va.	Parker, Virginia Mae	Wis.
Otting, William Joseph	Md.	A.B. 1941, University of Wisconsin	
Oumano, Leo	N.Y.	Parkin, Norman Chester	Ohio
Overstreet, Phoebe Lucille	D.C.	M.B.A. 1931, Harvard University	
A.B. 1943, The George Washington University		Parkinson, Virginia Jane	Wis.
Overstreet, Ruth Frances	Mass.	A.B. 1943, University of Wisconsin	
Overton, Edith Louise	N.C.	Parmeter, Margaret Anne	D.C.
Ovsianko, Klardia	D.C.	Parr, Erma Irene	Ariz.
Owen, David William	D.C.	Parrish, Alvin Edward	D.C.
Owen, Mary Elizabeth	Tex.	Parrish, Evelyn May	Md.
Owen, Reta Blanche	D.C.	Parsons, Grace Shaver	Pa.
Owens, Una Virginia Pearly	D.C.	Parsons, Rennie Edward	Va.
Owens, Dorothy Kathryn	D.C.	Partello, Melville Cochran	D.C.
Owens, Helen Vincent	D.C.	B.S. 1915, United States Naval Academy	
Owens, Helen Winifred	D.C.	Partello, Sabina Conlin	D.C.
Owens, Jeannette	D.C.	B.S. in Ed. 1941, University of Southern California	
Owings, Elizabeth Ann	Ky.	M.S.S.W. 1943, Catholic University of America	
Ozz, William Gardner	D.C.	Partridge, Marjorie Eilene	Kans.
		B.S. 1943, University of Missouri	
Pace, Muriel Imogene	D.C.	Pasley, Gale Glenn	D.C.
Packard, Howard Merrill	Ill.	Patak, Stephanie Terry	Pa.
B.S. 1932, Northwestern University		Patenaude, Florence Doris	Conn.
Padgett, Jean Ashleigh	D.C.	Patermaster, Gene Cressman	Va.
Padilla, Esteban	P.R.	Patton, Betty Barker	N.C.
A.B. 1943, Duke University		B.S. 1940, Appalachian State Teachers College	
Page, Helen Bell	D.C.		
A.B. 1927, The George Washington University			
Page, Jan Maryon	Utah		
Page, Jane	Va.		
Page, John Franklin	Va.		
Page, William Lee	Va.		
A.B. 1942, The George Washington University			
Pagter, Elizabeth Eugenia	D.C.		
Pahigian, Norriar	D.C.		
Painter, Eleanor Margaret	Pa.		
Pajoin, Liny	D.C.		
Pajant, Adele	Mo.		
Palermo, Joseph	N.Y.		
Pallansch, Mary Jane	D.C.		

Patraiko, John	N.Y.	Pepmeier, Anita Wilhelmina	Va.
Patrick, Arthur Shepard	Md.	B.S. 1940, Mary Washington College	D.C.
B.Ed. 1931, Whitewater State Teachers College, Wis.		Perau, Inga Ruth	R.I.
A.M. 1940, University of Iowa		Perceley, Seena Maureen	Tex.
Patterson, Charles Albert	D.C.	A.B. 1944, Wellesley College	Va.
Patterson, Doris Frances	Tex.	Peterval, William Roy	N.Y.
Patterson, Harold Eugene	D.C.	Pete, Alice Louise	
Patterson, Harold Irwin	Va.	Peregrin, Frank	
Patterson, Harry Hutton	Pa.	B.M.E. 1940, Rensselaer Polytechnic Institute	D.C.
Patterson, Hugh Strother	Va.	Perell, Louis	D.C.
Paul, Eudell George	D.C.	Perin, Virginia Protzman	Va.
A.B. 1944, University of Illinois		Perkey, Madeline	D.C.
Paul, Rachel Lee	N.C.	Perkins, John Walter	Pa.
A.B. 1928, East Carolina State Teachers College		Perlmutter, Helen Stone	D.C.
Paul, Richard Havens	N.Y.	Perrin, Sara Carol	D.C.
A.B. 1941, Cornell University	D.C.	Perros, George Peter	
Paul, Richard Rea	D.C.	A.B. 1940, The George Washington University	D.C.
Pauley, Henry Monroe, Jr.	D.C.	Perros, Theodore Peter	Maunc
A.B. 1941, New York University		Perry, Ella Marie	D.C.
Paulhus, Elizabeth Kruse	D.C.	Perry, Esther Marie	Ga.
Paulhus, Joseph Louis Honore	D.C.	Perry, Francis Louise	D.C.
B.S. in C.E. 1937, Northeastern University		Perry, Jacqueline Bates	N.C.
M.S. in Met., California Institute of Technology		Perry, Jesse Parker, Jr.	Va.
Paulrud, Mabel	D.C.	Perry, Priscilla Wood	N.I.
Pavlov, Leonid Ivanovich	D.C.	Persiani, Rosemary	D.C.
Pavlova, Anna	D.C.	Peswin, Marion	D.C.
Pawlowski, Norman	Mich.	Pesautis, Juan Moreno	D.C.
Paxton, Eileen Hamilton	D.C.	Pescov, Geraldine	Ill.
Payne, Camilla Moody	D.C.	Peskind, Sarah Ruth	D.C.
Payne, Dorothy	Md.	Peslov, Geraldine	Mich.
Payne, Lucille Ruth	Md.	Petefin, Ernest Wilson	
Payne, Charlotte Cool	D.C.	B.S. in E.E. 1943, Lawrence Institute of Technology	D.C.
Peabody, Evelyn Bean	Va.	Peters, Janet	Ind.
A.B. 1941, Stephens College		B.S. 1941, Ohio State University	Va.
Peabody, Martin Hardin	Va.	Peters, Laura Lee	Md.
L.I.B. 1942, Mercer University		Peters, Mary Ann	Utah
Pear, Philip	D.C.	Peters, Virginia Briggs	Iowa
A.B. 1941, The George Washington University		Peterson, Albert Christian	Mo.
Pearson, Ardith Anne	Va.	Peterson, Anne	Wis.
Pearson, Jean Hanme	Mich.	Peterson, Betty Jean	Iowa
Pearson, Louise	N.C.	Peterson, Constance Beth	Va.
A.B. 1912, University of North Carolina		Peterson, Marcella Faith	Iowa
Pearson, Mary Frances	D.C.	Peterson, Mildred	D.C.
Peck, Bobbe	D.C.	Peterson, Polly	D.C.
Peck, Elizabeth Ann	D.C.	Peterson, Robert Lenus	Va.
Peck, Esther Gwendolyn	D.C.	Peterson, Roy Herbert	Colo.
Peck, Wilda Claire	R.I.	Peterson, Virginia	Colo.
Pedersen, Kathryn	Va.	Petrarca, Adela Ryman	Md.
Pederson, Wallace Henry	Minn.	Petrarca, Frederick Anthony	Wis.
Peed, John Roger	D.C.	Petrovic, Stella	D.C.
Peele, Wilfred Everett	D.C.	Petsch, Herbert August	N.J.
Peeler, Mary Lou	Tex.	Petty, Mary Elizabeth	
Peery, James Brown	S.C.	Pettit, Walter Fitch	Tex.
Peimann, Esther Elizabeth	S.D.	A.B. 1941, Princeton University	D.C.
Peisner, Arthur	D.C.	Pettus, Geraldine Frances	D.C.
Pelot, Julia Beatrice	Fla.	Petty, Bernard Leow	D.C.
Pelto, Roy Elmer	Md.	Pevsner, Vera	D.C.
Pemberton, Melissie	D.C.	Pfeiffer, Albert Randolph	D.C.
Penn, Bedford Frederick	Va.	Pfeifle, Florence Helen	D.C.
Penn, Julian Williams	Va.	Pflouer, Margaret	D.C.
Pennebaker, Amelia	D.C.	Pfluger, Dorothy Arline	Ohio
Pennefeather, Joseph	N.Y.	Pfornheimer, Harry, Jr.	
Pennell, Marjorie	S.C.	B.S. in Chem.E., 1938, Purdue University	D.C.
A.B. 1943, University of Pennsylvania		Pfund, Charles Edward	
Penske, Herbert Willis	Md.	B.S. in E.E. 1943, Iowa State University	D.C.
		Phair, Arkebe Ethel	N.Y.
		Phares, Rose Mary	



Phelan, Marguerita Marie	N.Y.	Pinn, Samuel, Jr.	D.C.
Phelps, Norman Purdy	D.C.	B.M.E. 1931, College of the City of	
Phelps, Wallace Nathan	N.C.	New York	
Phillips, Ann Marie	Md.	Pinn, Theresa	N.Y.
Phillips, Arthur Leslie	Va.	Pinson, William	D.C.
Phillips, Betty Joy	Kans.	Piorkowski, Genevieve Therese	Ill.
Phillips, Cecil James	Va.	Pipes, Dorothy	La.
Phillips, Cynthia Anne	D.C.	B.S. 1944, Louisiana Polytechnic	
Phillips, Dorothy Evans	Va.	Institute	
A.B. 1931, Cornell University		Pipino, Nicholas John	Va.
Phillips, Helen Roberta	D.C.	Pippel, Frances	D.C.
A.B. 1942, University of Kentucky		Piskarev, Eugene Viadimirovich	D.C.
Phillips, Howard Matthew	D.C.	Pistorino, Charles John	Va.
B.S. 1942, Wilson Teachers College		Pistorino, Elizabeth Howard	Tenn.
A.M. 1944, The George Washington		Pitman, Park Ware	Tex.
University		Pitt, Laud Rollard	Md.
Phillips, Joseph	Tex.	A.B. 1928, Northwestern University	
A.B. 1943, The George Washington		A.M. 1935, A.B. in L.S. 1938, The	
University		George Washington University	
Phillips, Mary Gardner	Nev.	Pittiglee, Clayton Laurence	D.C.
A.B. 1943, The George Washington		Piver, Florence	D.C.
University		Pixowar, Jack Morton	Va.
Phillips, Matthew Raymond	N.J.	Pizzuti, Lillian Judith	Mass.
Phillips, Robert Thomas	D.C.	Plaks, Sol Robert	Va.
Phillips, Susan Mina	D.C.	Plamann, Ruth Genevieve	Md.
Phillips, Thomas LeRoy	Md.	Platt, Louise Bravillette	D.C.
Phillips, Virginia Scott	Md.	Platts, Vesta Pauline	Pa.
Phillips, William Deeble	R.I.	Plapis, Anna Olga	Pa.
Phillips, William Harry	Tenn.	Plondke, Margaret Esther	Miss.
Phunny, Barbara Elizabeth	D.C.	Plowden, Alfred Hudson, Jr.	S.C.
A.B. 1947, Wellesley College		B.S. 1937, Presbyterian College	
Phurpen, Doris	Calif.	Plowman, Dorothy Anne	D.C.
Phurps, Barbara Helen	Md.	Plummer, June Eldridge	D.C.
Phurps, Lester Earl	Mass.	Plunkett, Edmund Robert	Md.
Picardi, Egidio Alfred	N.Y.	B.S. 1944, College of William and	
Pick, David	Ill.	Mary	
LL.B. 1941, De Paul University		Plunkett, Ray Franklin	Va.
Picken, Edward George	Vt.	Pockrass, Mel Stubblefield	D.C.
Pickering, Shirley	D.C.	A.B. 1938, College of Idaho	
Pida, George	Va.	Podbielniak, Thaddeus	Md.
Pidersen, Kathryn	Va.	Podnos, Seymour	Mich.
Pierce, Abigail Ellen	Okla.	B.S. 1947, The George Washington	
A.B. 1940, Duke University		University	
Pierce, John Randolph	D.C.	Poe, Glen May	Va.
Pierce, Lois Mae	Va.	B.S. 1920, University of Missouri	
Pierce, Lula Hayes	D.C.	Poe, John Seldon	M.
Pierce, Stewart Wayne	Mass.	A.B. 1931, University of Missouri	
Piercy, Weera Paue	N.C.	A.M. 1935, Washington University	
B.S. 1938, Wilson Teachers College		Poe, Joseph Warner	D.C.
Pierzol, Chester Clement	D.C.	Poff, Betty	Miss.
A.B. 1925, Nebraska Wesleyan Uni-		Pokhtov, Emil Daniel	N.J.
versity		Polak, Sylvia Rosalie	D.C.
Piggott, Willard Russell	Va.	Poland, William Longstreth	D.C.
Pignatiello, Amelia Edith	N.J.	Polakow, Henry	Ill.
B.S. 1941, Wilson College, Pa.		Pohn, Abraham	N.Y.
Pike, Sara Bernice	Md.	A.B. 1944, The George Washington	
Pile, Rilla	Ariz.	University	
Pilis, Edna Muriel	Ohio	Polis, Joy	Va.
Pilman, Imogene Martha	D.C.	Pollack, Jerome Lee	D.C.
Pilson, Anne Wetherby	D.C.	Pollard, Floride Few	S.C.
Pilson, Pauline Mae	Pa.	B.S. 1930, Winthrop College	
A.B. 1939, Asbury College		Pollinove, Ruth	D.C.
Pitch, Helen Wasserman	D.C.	Pollin, Abraham	D.C.
Pirard, Therese Julianne	D.C.	Pollack, John Francis	W.Va.
Pisonek, Dee Whitford	Idaho	Pollack, John Rogers, Jr.	Okla.
Pisens, Louis	Md.	Poloway, Anne Eleanor	Conn.
Pinkerton, Cecil	D.C.	Pomerantz, Jacob	N.Y.
A.B. 1942, Texas Technological College		A.B. 1942, The George Washington	
Pinkerton, Helen Lura	Tex.	University	
Pinkham, Raymond Arthur	Mich.	Pomponio, Anselina Ann	Va.
B.S. 1942, Michigan State College		Pomponio, Gloria Assunda	Va.
		Pond, Hartley Linwood	Maine
		Pond, Reis Fred	D.C.

Ponder, Robert Lee	Tex.	Price, Troy Howard	D.C.
Poole, Catherine Eather	D.C.	A.B. 1930, Texas College of Arts and Industries	
Pope, Carroll Franklin	D.C.	A.M. 1916, University of Texas	D.C.
Popham, Valborg Lee	Va.	Price, William Sidney	D.C.
Popko, Stanley	N.Y.	Price, Zelma Kennedy	D.C.
Poppe, Mary Walker	D.C.	A.B. 1934, Belhaven College	
Poritz, Nathan	D.C.	Prichard, Jean Carter	Md.
B.S. 1912, Columbia University		Prichard, John Elmer	D.C.
Porter, Homer Page	Va.	Prichard, Robert Williams	N.J.
Porter, Ruth Florence	Maine	Pricos, Ghislaine Marie	D.C.
Ports, Margaret Elizabeth	D.C.	Priest, Mildred Louise	Md.
Posner, Irene	D.C.	A.B. 1942, Mount Holyoke College	
Post, Lawrence	Wis.	Prieto, Rachel Adele	D.C.
Poston, Margaret Cartwright	D.C.	Primm, Dorothy Phyllis	D.C.
B.S. in Ed. 1924, Ohio State University		Principe, Mary Enrico	Ill.
Potter, Leitha Dee	Miss.	Prindiville, Elizabeth Marie	Conn.
Potter, Ralph	D.C.	Pritchard, Anthony	Ky.
Potts, Ida Olivia	Pa.	Pritchard, Dorothy May	D.C.
Potts, Virginia Elizabeth	D.C.	Pritchard, Margaret Eleanor	D.C.
Powders, Evelyn Vallee	Miss.	Pritchett, Earl Wallis	N.Y.
Powell, Alfred Allen	N.M.	Priven, Emily Meta	D.C.
Powell, Betty Jean	Ind.	Proctor, Patricia Lucille	Minna.
Powell, Diana Kearny	N.J.	Prosen, Edward Joseph	
Powell, Louise Hill-Conkey	D.C.	A.B. 1918, A.M. 1941, The George Washington University	Ohio
A.B. 1943, The George Washington University		Prosher, Helen Louise	Md.
Powell, Mabel	Okla.	Proster, John William, Jr.	D.C.
A.B. 1944, The George Washington University		Prosterman, Albert Matthew	
Powell, Thomas David	N.Y.	A.B. 1918, University of Illinois	N.C.
A.B. 1933, Union College		Proudley, Robert Earl	Mass.
LL.B. 1917, University of Buffalo		Prooty, Norma Randall	Ind.
Powers, Doris Cooper	Calif.	Pryor, Lucille	N.Y.
Poyas, Shirley Elizabeth	R.I.	Psaki, John Nicholas	D.C.
Poylase, Guss Nicholas	D.C.	Pugh, Adele Roby	D.C.
Prater, Hemmer Virgil	D.C.	Pugh, Annabel Sober	D.C.
Prather, Charles DeVault	D.C.	Pugh, Marjorie Leigh	Ohio
Prather, Elbridge Crawford	Va.	Pugliese, Norma Angela	N.J.
Prather, John Lyle	D.C.	Puhala, Anna Elizabeth	Utah
Prather, Johnette	Idaho	Pullen, Jonathan Everett	D.C.
Prather, Marjorie Louise	Mass.	Purcell, May	Calif.
Prather, Mary Jane	D.C.	Purdue, Howell	
Prate, Arthur	D.C.	A.B. 1924, Vanderbilt University	D.C.
Pratt, Cornelia Adina	Mich.	Purifoy, Christine	D.C.
Pratt, Frank	Va.	Purpont, James Arthur	Md.
Preece, Emma Bernice	D.C.	Purveyer, Frances Elizabeth	Fla.
Preisser, Warren Godfrey	Wyo.	Pye, William McMurray	Pa.
A.B. 1943, The George Washington University	D.C.	Pyle, Carolynne	N.Y.
Prentice, Virginia Lee	Ind.	Pynn, George Washington	D.C.
A.B. 1944, Michigan State College		Pyowse, Walter Frederick	
Prentiss, Catherine Watkins	D.C.		Q
Pressman, Rose	N.Y.	Qualls, LeRoy Lillard	Ill.
Preston, Marguerite Coleman	Ark.	A.B. 1932, Illinois Wesleyan	
Prevost, Corrine Adelaide	D.C.	A.M. 1936, B.S. in L.S. 1939, University of Illinois	D.C.
Prewitt, Adele Pugh	D.C.	Quarles, Virginia Joanico	D.C.
Prezioso, Betty Mason	D.C.	Queen, Galen	N.C.
Price, Caroline Allen	Va.	Queson, Edith Louise	Va.
Price, Fred	La.	Quesinberry, Elizabeth Geraldine	
B.S. 1941, The George Washington University		B.S. 1940, Radford College	Md.
Price, George	D.C.	Quible, Rennie Gulick	Va.
Price, Grace	Kans.	Quigg, Eloise Jane	Miss.
Price, John Wellington	D.C.	Quigley, Thomas Albert	
Price, Loyd Mock	Ark.	A.B. 1943, University of Missouri	Md.
Price, Lucille Stephen	W.Va.	Quill, Eleanor Ann	D.C.
Price, Marvin Austell	Va.	Quill, John James	D.C.
Price, Oua Juanita	Va.	Quintela, Isabel	Va.
B.S. 1943, Radford College		Quinn, Arline Mae	
Price, Richard Royer	Ohio		D.C.
A.B. 1941, Ohio State University		Rabb, Marjorie Elizabeth	Ill.
		Rabenau, Anna Mae	

Students Registered

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Radabough, Carole Audre	Minn.	Ray, Donald Page	Colo.
Radke, Anita Eunice	Wis.	A.B. 1941, University of Colorado	
Radko, Alexander Michael	D.C.	Ray, Mildred Oliver	N.C.
Rado, Alan Rudolph	D.C.	Ray, Minnie	Tex.
Rados, Florence Anna	D.C.	Ray, Robert	Va.
Rae, Frances Siofield	Conn.	Rayburn, Reba Christy	N.Y.
B.S. 1942, Purdue University		A.B. 1939, Oberlin College	
Raff, Samuel Joseph	N.Y.	Raymond, Anson George	Va.
B.M.E. 1943, College of the City of New York		B.S. in Eng. (Math.) 1937, B.S. in Chem. Eng. 1938, M.S. 1939, University of Michigan	
Rafsey, Selma	N.Y.	Raymond, Barbara June	Mass.
A.B. 1938, Hunter College		Raymond, John	N.Y.
Rafsky, William Lawrence	N.Y.	Rayner, Jeannette Mary	D.C.
B.S.S. 1940, College of the City of New York		Rea, Edward Luke	Calif.
Ragon, Edna Mae	N.Y.	A.B. 1942, University of California	
Ragdale, Wynette	D.C.	Rea, Gloria	D.C.
Rahter, William Hasper	Ohio	A.B. 1942, The George Washington University	
Rai, Dorie Mongol	D.C.	Read, Beryle Roosevelt	Ind.
Rainwater, Percy Lee, Jr.	D.C.	Reed, Jeanne Elinor	D.C.
Ralph, Marie Louise	D.C.	Real, Fritz Albert	D.C.
A.B. 1944, The George Washington University		L.L.B. 1936, University of Zurich	
Ramirez, Ana Rita	D.C.	Ream, Donald Forest	D.C.
A.B. 1938, University of Puerto Rico		Reap, Elizabeth	Ark.
Ramirez, Julio Rafael	D.C.	Reaves, Mildred Suaim	Va.
B.S. 1943, Instituto Nacional Panama		Rebert, Alice Catherine	Md.
Ramos, Hilda	D.C.	Redden, Miller Stuart	La.
Ramos, Ramon	N.Y.	Redheld, Adele Price	D.C.
Ramsburg, Claggett Eugene	D.C.	A.B. 1943, The George Washington University	
Ramsey, Lessel Leslie	Md.	Redmon, Virginia Beckner	D.C.
B.Ed. 1935, State Teachers College, Wis.		Redwine, Bennie Pruitt	Va.
Randall, Alice Wilkins	D.C.	Reece, Robert Watson	D.C.
Randall, Berneita	D.C.	Reed, Betty Lou	Ind.
Randel, Hugh Wayne	D.C.	Reed, Dora Frances	Tenn.
B.S. 1942, University of Oklahoma		Reed, George Salem	D.C.
Rankin, Anna Claire	Va.	B.S. 1941, Ohio State University	
Rankin, Dorothy Nelle	Iowa	Reed, Gordon Weldon	Va.
Rankin, Eleanor McKean	Va.	Reed, Maude Careene	Va.
A.B. 1937, John B. Stetson University		Reed, Mildred Howard	Md.
Rankin, Gene Patton	Ala.	Reed, Spencer Beal	D.C.
A.B. 1940, University of North Carolina		Reed, Stanley Foster	D.C.
Rankin, Joseph Eugene Francis	Md.	Reed, Stella Swingle	D.C.
B.S. 1942, Catholic University of America		Reed, Vera Maudene	Va.
Rankin, Maxine Mary	Iowa	Reedy, Mary Elizabeth	Pa.
Ransom, Ivy	Va.	A.B. 1931, Wellesley College	
Raphael, George	D.C.	Rees, Catherine Pearl	Ind.
Raphael, Miriam	D.C.	Rees, John Robert	Oreg.
Rapin, Catherine Cecile	D.C.	Reese, Ardith Lorraine	Nebr.
Rask, Philip Curtis	Minn.	Reeves, George Digges	D.C.
Raskin, Patricia Boyle	Md.	Rego, Alfred	D.C.
Rasmussen, Rulon	D.C.	Reich, Joseph	Va.
Rassooli, Jay Martin	Utah	Reich, Maxine Isidie	Va.
Rast, Carolyn Frankum	D.C.	Reichard, Charlotte	D.C.
Rates, Anne	D.C.	Reichow, Estelle Vernon	D.C.
Rathvon, Juan Frances	Pa.	Reichwein, Terrence Joseph	Pa.
A.B. 1944, Vassar College	N.Y.	Reid, Mabel	Pa.
Ratner, Mary		B.S. 1924, A.M. 1930, University of Pittsburgh	
Rauge, Blanche Vandalia	D.C.	Reid, Spencer Beal	Calif.
B.S. 1933, East Tennessee State Teachers College	Tenn.	Reid, Stella	N.C.
Ravn, Morton Adler	D.C.	Reifman, Lucille	N.Y.
A.B. 1942, Harvard University		A.B. 1941, Brooklyn College	
Rausch, Irene Marily		Reifnyder, Frank	Pa.
Rave, Irmgard	Minn.	A.B. 1944, The George Washington University	
Rawlings, Joseph Edwin, Jr.	Va.	Reily, Billy Ray	Tex.
Rawlings, Joseph Howard	D.C.	Reinhart, Helen Elizabeth	D.C.
Rawlings, Maurice Scaggs	Va.	Reisch, Jane Marie	Va.
A.B. 1944, The George Washington University	Md.	Reiter, Evelyn Toder	D.C.
		Reiter, Robert Henry	D.C.
		B.S. 1942, Ohio State University	



Reiter, Ruth Marise	Pa.	Richardson, Howard Robertson	Va.
Remillard, Jane Elizabeth	N.Y.	A.B. 1927, Elon College	
Remondet, Andre	D.C.	A.M. 1932, College of William and Mary	
Renson, Oscar James	Md.	Richardson, Mabel Campbell	Mass.
Renter, Frederick Turner	D.C.	A.B. 1942, Bryn Mawr College	
Renando, Valborg	D.C.	Richardson, Margaret Merz	D.C.
A.B. 1937, University of Washington		Richardson, Mary F.	D.C.
Renaud, Raymond Norbert	D.C.	B.S. 1933, Wilson Teachers College	
A.B. 1939, Bates College		A.M. 1939, The George Washington University	
M.S. 1941, Catholic University of America		Richardson, Mary Magdalene	Md.
Renfro, Robert Ames	D.C.	Richardson, Mary Rose	D.C.
Renfrow, Richard Nelson	Mo.	Richardson, Paul Bryant	D.C.
Renneke, Ruth	Minn.	Richardson, Phyllis Virginia	D.C.
Reno, Ruth Jean	D.C.	Richardson, William W.	Va.
Reque, Robert Russell	Wis.	A.B. 1918, Princeton University	
Reque, Rose Bertha	Va.	Richmire, George Lowell	D.C.
Respass, Francis Buff	D.C.	B.S. 1920, United States Naval Academy	
Reitz, Robert Charles	Md.	M.S. 1928, Columbia University	
Reuter, Dorothy Alice	Conn.	Richmond, Claude Manby	Va.
Revell, James Woodrow	Fla.	B.S. 1924, College of William and Mary	
Revotskie, Gretchen Festig	Pa.	A.M. 1916, The George Washington University	
Rewes, William	N.J.	Richmond, Nancy Ann	Va.
A.B. 1944, Rutgers University		Richmond, Susan Virginia	D.C.
A.M. 1914, Columbia University		A.B. 1917, Randolph-Macon Woman's College	
Rex, Shirley Dell	Mo.	Richten, Dorothy G.	D.C.
Reynolds, Bettie Lee	Va.	Richter, Anita Frances	Mo.
Reynolds, Eugenia Beam	Va.	Richter, Helen Teresa	Md.
Reynolds, Joan Marie	D.C.	Richter, Joan M.	Md.
Reynolds, Lucille Frances	Va.	A.B. 1942, Goucher College	Va.
B.S. 1941, Western Carolina Teachers College		Richter, Stephanie	D.C.
Reynolds, Margaret Katherine	D.C.	Rightman, Rose	Fla.
A.B. 1942, Lambuth College, Tenn.		Rickerson, Fred Wilson	Va.
Rezanka, Frank Joseph	N.J.	Rickey, Evelyn Mae	Tenn.
Rhodes, Leona Belle	D.C.	Rickey, Isabelle Mary	D.C.
Rhodes, Virginia Lenore	D.C.	Riddell, Mera Munn	Md.
Rice, Carolyn Augusta	D.C.	Riddle, Alice Rose	D.C.
Rice, Eunice Fay	D.C.	Riddle, Sue	Va.
Rice, Gertrude Bruce	Va.	Ridgeway, Jane Joyce	D.C.
Rice, Pearl Frances	D.C.	Ridgeway, Jesse	Pa.
Rich, Edith Mynette	D.C.	Riehlman, Claire Edson	N.Y.
A.B. 1932, Trinity College		Rieker, Albert Ralph Edward	D.C.
M.S. 1936, St. Lawrence University		Rieve, Ruby Hugh	D.C.
Rich, Irene Silverman	D.C.	Rifkind, Doris May	
B.S. 1940, Wilson Teachers College		B.S. 1949, Wilson Teachers College	D.C.
Rich, Mary Irene	Conn.	Riggs, Edward Benton	Md.
Rich, William Wallace	Va.	Riggs, Laura Mae	N.J.
Richard, Mildred Graham	Va.	Rigler, June Drummond	
A.B. 1920, Municipal University of Wichita		A.B. 1944, University of Maryland	Tenn.
A.M. 1930, The George Washington University		Riley, Adah Frances	Tenn.
Richard, Varina Claire	D.C.	Riley, George Dickens, Jr.	Mass.
Richards, Adela Alice	D.C.	Riley, Georgia H.	
Richards, Clare Whitney	D.C.	B.S. 1916, University of Southern California	D.C.
A.B. 1911, Oberlin College		Riley, Helen Marie	Mass.
Richards, Donald Alford	D.C.	Riley, Jeanette Grace Marie	D.C.
B.S. 1940, Washburn Municipal University of Topeka		Riley, Robert Edwin	Md.
Richards, Doris	Calif.	Riley, Vernon Todd	Wis.
A.B. 1940, University of California		Rindlsbacher, Arthur William	Va.
Richards, Franklin Dewey, Jr.	Md.	Rineer, Irva Dorothy	D.C.
Richards, Howard Earl	Va.	Ring, Paul Donald	D.C.
A.B. 1936, Fresno State College		Ringer, Barbara Alice	Va.
Richards, Jean A.	Oreg.	Rinswalt, Anne Una	Va.
Richards, Patricia Gessner	D.C.	Rink, Robert Frederick	Va.
Richards, Suzanne Virginia	S.C.	Rinsland, Almeda	D.C.
Richardson, Catherine Rhodes	D.C.	Ripple, Elma Carpenter	D.C.
Richardson, Elizabeth Anne	D.C.	Rising, Gurdon Easton	D.C.
Richardson, Franklin Lewis	Va.	Rising, Isabel Sinclair	

Risley, William Linton, Jr.	N.J.	Robins, Alice Louise	Oreg.
Risman, Louis	Mass.	B.S. 1941, University of Oregon	
B.S. in B.A. 1943, Boston University		Robinson, David Bancroft	Pa.
Ritchie, John Milton	Va.	B.S. 1944, Pennsylvania State College	
B.S. 1941, Temple University		Robinson, Douglas Boyd	Ga.
Ritchie, Ralph Frank	N.J.	Robinson, Edwin Joseph	Ark.
B.S. 1941, New York University		Robinson, Elizabeth Johnston	Md.
Ritchie, Thomas Boyd	Md.	Robinson, Frances Beatrice	Ga.
Ritchie, Thomas Pressly	Ark.	Robinson, James Jaquess	Ind.
Ritrall, Louise May	Pa.	A.B. 1914, Indiana University	
Rittenberg, Thelma A.	D.C.	LL.B. 1919, S.J.D. 1930, Harvard	
Ritter, Betty Hadders	W.Va.	University	
Ritter, Julius Charles	Ill.	Robinson, Joe Adams	Okla.
Ritzmann, Robert William	Pa.	B.S. 1935, University of Oklahoma	
B.S. 1944, Pennsylvania State College		A.M. 1937, The George Washington	
Rivera, Iyonne Lastra	P.R.	University	
B.S. 1941, University of Puerto Rico		Robinson, John Franklin	Wash.
Rives, Elizabeth Lovelace	Va.	B.Sc. 1941, Seattle College	
Rixey, Charles O.	D.C.	Robinson, Karna Jane	D.C.
A.B. 1942, The George Washington		Robinson, Mary Rice	N.C.
University		A.B. 1941, Queens College	
Rizzo, Frank	N.Y.	Robinson, Pearl Gardner	Va.
E.F. 1924, Cornell University		Robinson, Walter Scott	D.C.
Roach, William Henry	Md.	Robinson, Wilma P.	Tenn.
Roache, Sister M. Renee	D.C.	Robock, Esther M.	Wis.
Roark, Stella Mae	Tex.	Robock, Stefan H.	Wis.
B.S. 1939, North Texas State Teachers		A.B. 1928, University of Wisconsin	
College		A.M. 1941, Harvard University	
Robert, Floyd John	D.C.	Roby, Maud Frothingham	Md.
Robbins, Walter Lewis	D.C.	B.S. 1947, University of Maryland	
Roberson, Robert Errol	Mo.	A.M. 1941, The George Washington	
B.S. 1941, University of Chicago		University	
Roberson, Vera May	Mo.	Rochmes, Nathan Henry	N.Y.
Robert, Alice Louise	La.	Rock, Jaesh Aria	N.Y.
B.S. 1933, M.S. 1935, Louisiana		Rock, Mary Margaret	Wis.
State University		Rockwell, Franklin Abraham	Va.
Roberts, Ann Harmon	Va.	A.B. 1941, Shepherd State Teachers	
Roberts, Dorothy Fay	Mo.	College	
A.B. 1943, Park College		Rockstroh, Beatrice	D.C.
Roberts, Frank Stuart	Pa.	A.B. 1948, Indiana State Teachers	
Roberts, Grace Elizabeth	Kans.	College	
Roberts, Helen Josephine	Iowa	Rodby, Anna Margaret	D.C.
Roberts, Janet Fairley	D.C.	Rodes, Milton M.	N.Y.
Roberts, John Joseph	Pa.	B.B.A. 1941, College of the City of	
A.B. 1939, Pennsylvania State College		New York	
LL.B. 1944, The George Washington		Rodes, Shirley R.	N.Y.
University		Rodgers, Edgar James	N.Y.
Roberts, Leonard Hodges, Jr.	D.C.	E.E. 1934, Brooklyn Polytechnic	
Roberts, Lois H.	Ill.	Institute	
Roberts, Margaret Frances	D.C.	Rodgers, Edith C.	D.C.
Roberts, Mary Elizabeth	Va.	A.B. 1916, Ohio State University	
Roberts, Natalie	D.C.	A.M. 1912, Ph.D. 1940, Columbia	
Roberts, Pauline	D.C.	University	
Roberts, Richard Leon	D.C.	Rodgers, Edward O.	Ariz.
Roberts, Sarah Elizabeth	Calif.	B.S. 1944, University of Arizona	
A.B. 1931, University of California at		Rodgers, Maurita Joan	Ill.
Los Angeles		Rodgers, Ruth Roland	D.C.
B.S. in L.S. 1932, University of Wash-		Rodgers, Sanford Leland	D.C.
ington		Rodgers, Shirley Louise	D.C.
A.M. 1940, The George Washington		Rodman, Newton	N.Y.
University		Rodriguez, Diana Velisa	D.C.
Roberts, William Wesley, Jr.	Ark.	Rogers, Elizabeth Carson	N.J.
LL.B. 1939, Washington College of		Rogers, Emelyn Nickerson	D.C.
Law		A.B. 1916, Wellesley College	
Robertshaw, Vera Mae	D.C.	Rogers, Gloria Thomas	D.C.
Robertson, Clarabelle	N.Y.	Rogers, Jeanne Frances	D.C.
Robertson, Esther Eudora	N.Y.	Rogers, Margaret Anita	Tex.
Robertson, John David	D.C.	Rogers, Margaret Joan	Va.
Robertson, Lydia Margaret	D.C.	Rogers, Norton Everette	W.Va.
Robertson, Robert Stanley Bayne	D.C.	B.S. 1941, Marshall College	
Robeson, Shurlee Damon	N.Y.	Rogers, Rachel Cauldwell	D.C.
Robey, Robert Edward	Ohio	Rogers, Robert Markley	Ohio
Robin, Eugene Debs	Mich.		

Rogstad, Nora Martha	Va.	Ross, Mary Elizabeth	Md.
B.S. 1926, University of Texas		Ross, Murray	D.C.
Rohn, Robert	Calif.	B.S.S. 1935, College of the City of	
Rohner, Kathrine Jane	D.C.	New York	
Rohrback, Harold W.	D.C.	A.M. 1936, Ph.D. 1941, Columbia	
Rohrbaugh, Phyllis Josephine	Pa.	University	
Rohrer, Mildred Elizabeth	Md.	Ross, Rex William	Mo.
A.B. 1935, Western Maryland College		A.B. 1937, Central College, Fayette, Mo.	
Rohrer, Ruth Anne	Iowa	Ross, Rosita Sepe	D.C.
Roig, Evelyn	P.R.	Ross, Ruth	N.J.
Rollig, Esther	Minn.	Rossbacher, Agnes Huntington	N.J.
Rollins, Dorothy Naomi	D.C.	A.B. 1942, The George Washington	
Rollins, Thomas P.	Va.	University	
Rollston, Elizabeth	D.C.	Rosser, William Joseph	D.C.
B.S. 1926, Madison College		Rossetter, Nancy Janette	Fla.
Roman, Ann Marie	Pa.	A.B. 1942, John B. Stetson University	
Romano, Olive	D.C.	Roth, Carl Edwin	D.C.
Romeo, James John	Pa.	Rothbard, Eleanor	N.Y.
Romney, Afton	Utah	Rothe, Bertha Margarethe	D.C.
Roney, Frances Montana	Mont.	A.B. 1934, A.M. 1935, B.S. in L.S.	
Ronsaville, Marian	Md.	1940, Syracuse University	
Roof, Michael K.	Md.	Rothenberg, Leon	Va.
Rook, Doris Mae	Md.	Rothenberger, Elma Marie	Pa.
Rook, Rex Louis	Okla.	Rothgeb, Edwina Yvette	D.C.
Rooney, Joycelyn Margaret	Canada	Rothman, Barbara C.	D.C.
Root, Blake Smith	Ill.	Rothschild, Marianne	D.C.
B.S. 1927, Monmouth College		Rottenberg, Annette Temin	D.C.
A.M. 1931, University of Illinois		B.S. 1938, Wilson Teachers College	
Root, Margaret West	Md.	Rotto, Roslyn Edith	D.C.
Roper, Virginia Lucille	Tenn.	Roubaje, Laura Marie	Mich.
Ros, Rafael	Panama	Roudybush, Franklin	D.C.
Rose, Charles Jules	W.Va.	B.F.S. 1930, Georgetown University	
A.B. 1942, The George Washington		A.M. 1944, The George Washington	
University		University	
Rose, Frank Singleton	N.Y.	Rounda, Mary Anne	Va.
A.B. 1941, Syracuse University		Rouse, Florence Emily	Md.
Rose, Herbert Edgar	Md.	Rousseau, Germaine Marie	Va.
Rose, J. Hugh	Va.	Roussos, Bessie	D.C.
A.B. 1942, The George Washington		Routh, Nita Leota	Mo.
University		Rowcliffe, Joan Leutze	D.C.
Rose, Jerome Victor	D.C.	Rowe, Edith Shermom	British Guiana
Rose, John Kerr	Ill.	Rowe, Jeanne Frances	D.C.
A.B. 1928, A.M. 1931, Indiana		Rowe, Joan	D.C.
University		B.S. 1944, University of Maryland	
Ph.D. 1935, University of Chicago		Rowe, Mary Julia Christian	Va.
Rose, Julia K.	D.C.	Rowell, Robert Glenn	Va.
Rose, Leo Eugene	Calif.	Rowland, Walter William	Ark.
Rose, Lillian May	Ark.	Roy, Dorothy Anita	N.H.
Rose, Otis Winston	Va.	A.B. 1942, University of New Hamp-	
Rosen, Ellsworth Reuben	Conn.	shire	
B.E. 1942, Yale University		Royer, Rachel Click	Md.
Rosen, Geraldine A.	Pa.	A.B. 1937, Catawba College	
Rosenberg, Phyllis Ann	D.C.	Royer, Walter Jay	D.C.
Rosenberg, Rosella	Ill.	Rubenstein, Allan Norbert	D.C.
Rosenberg, Shirley Ilda	N.Y.	Rubenstein, Sarah	S.C.
A.B. 1943, Hunter College		Rubin, Janet Beck	D.C.
Rosenberry, William Ward	D.C.	A.B. 1937, Wellesley College	
Rosenblatt, Shirley Natalie	D.C.	Rubin, Louise	D.C.
Rosenblum, Eleanor Bertha	D.C.	Rucker, Frances Norton	D.C.
Rosenfeld, Annette	D.C.	Ruddy, Anne Clare	D.C.
Rosenshine, Ann	D.C.	B.S. in H.E. 1936, Marywood College	
Rosenthal, Carola	Va.	Rudikoff, Morris	N.Y.
Rosenthal, Klaire	D.C.	Rudolph, Eleanor Louise	Wis.
Rosenthal, Marilyn Beverly	D.C.	Rudy, Walter Cason	D.C.
Roslovic, Mary	Pa.	Ruebsam, Charles August	D.C.
Rosoff, Doris	Va.	Ruesgen, Martha Gertrude	Wis.
Ross, G. Marie	D.C.	Ruhe, E. Jeannette	Ohio
A.B. 1930, Marshall College		Ruiz, Elizabeth	D.C.
Ross, George	D.C.	Ruiz, Juan Rada	Bolivia
A.B. 1942, Brooklyn College		Ruiz, Madelene G.	N.Y.
Ross, Helen Elizabeth	D.C.	Rukas, Nellie Barbara	Pa.
Ross, Irving Jerome	N.Y.	Rule, Frank Glenn	D.C.
Ross, Kip	D.C.		



Rulkoetter, Aubrey Henry A.B. 1936, Union College	D.C.	Saegmuller, Barbara Ann	Va.
A.M. 1938, University of Nebraska		Salko, Gloria Jeanette	Va.
Rumsey, Jacqueline Wallace	N.C.	Saker, John Harmer	D.C.
Runge, Margaret Odile	Mich.	Sager, Juliette	D.C.
B.S. 1942, University of Illinois		A.B. 1935, University of Tennessee	
Runnels, Anelda Rich	Kans.	Sailor, Marguerite	Ind.
B.S. 1940, Kansas State College		A.B. 1943, De Pauw University	
Rupert, Norma Morgan	Ga.	St. Clair, Annabell Myrta	Tenn.
Rupertus, Edith Louise	D.C.	B.S. 1940, Memphis State College	
Ruppel, Ruth	Va.	St. Clair, Mary Dorothy	Md.
Rushbrook, Margaret Lucile	D.C.	St. Clair, Robert Milton	Md.
Rusk, Barbara Jean	D.C.	Sakaue, Munio	Calif.
Russ, Ella Margaret	N.Y.	A.B. 1940, University of California at Los Angeles	
B.S. 1935, William Smith College		Sakelariou, Bessie Persefone	N.H.
Russell, Charles Glenn	D.C.	Sakes, Helen Cleo	D.C.
Russell, Donald Harlow	Mich.	Saks, Betty L.	D.C.
B.S. 1943, Worcester Polytechnic Institute		Salkind, Rose	Mass.
Russell, Dorothy Helen	D.C.	Salo, Anno Miriam	Minn.
Russell, Fielding D.	Ga.	Salus, Shirley Jeannette	D.C.
A.B. 1929, A.M. 1930, University of Georgia		Salvador, Flora Roberta	N.J.
Russell, Helen Louise	D.C.	A.B. 1944, New Jersey College for Women	
Russell, Lee Jane	D.C.	Salvatierra, Lorenzo Gascon	D.C.
Russell, Myrtle Ellen	N.D.	Samaha, Leslie Halim	Va.
A.B. 1944, The George Washington University		Sammon, Sara LaVonne	Iowa
Russell, Thomas Solon	Va.	Sams, James Eugene	Ill.
B.S. 1944, Wake Forest College		Samsel, Margaret Alberta	Tenn.
Russell, William Franklin	Mass.	Sansorn, Marjorie Jane	D.C.
A.B. 1934, A.M. 1935, Clark Univer- sity		Sanchez, Luis F.	P.R.
Russo, John A.	N.Y.	B.S. 1941, University of Puerto Rico	Mass.
Rust, Jane	Va.	Sanchioni, Erte	
Rutherford, Brabazon Henry	D.C.	A.B. 1941, University of Kansas	D.C.
Rutledge, Anna Wells	S.C.	Sand, Mary Elizabeth	
Rutledge, Jeannette Catherine	D.C.	B.S. 1940, University of Wisconsin	
Ryan, Adelaide Beatrice	Del.	Sandberg, Carl I.	Md.
B.S. 1937, Millersville Teachers College		Sandberg, Mary Harvester	Va.
Ryan, Florence Josephine	Mass.	Sander, Dora	D.C.
Ryan, Gerald D.	D.C.	A.B. 1942, Radcliffe College	
Ryan, Grace Holt	Md.	Sanders, Doris C.	Ind.
Ryan, Joan Lorey	N.Y.	Sanders, Elizabeth Grace	Md.
Ryan, Joseph Neil	Md.	Sanders, Laura Adrene	D.C.
Ryan, Joseph Ossian	D.C.	Sanders, Roberta Ann	Okla.
Ryan, Katherine Ann	Va.	Sanderson, Agnes I. G.	N.Y.
Ryan, Laurence Slaughter	D.C.	Sanderson, Guy Reginald	Va.
Ryan, Mary Grace	D.C.	Sandlin, Sherrod	Ala.
Ryan, Mary Margaret	D.C.	A.B. 1941, University of Alabama	
Ryan, Rose Margaret	La.	Sandlund, John Torstem	N.Y.
Ryan, William Edward	Mass.	Sandmeyer, Melvin Wesley, Jr.	D.C.
B.S. B.S. in E.E. 1943, University of Michigan		Sandt, Anna Becker	Va.
Ryckoff, Irving Milton	D.C.	Sandusky, Bernard Mortimer	N.Y.
A.B. 1934, Syracuse University		Saner, Germaine Mary	Iowa
Ryckoff, Paul Huntley	Wis.	Sanford, Elizabeth Carlton	N.Y.
B.S. 1930, Northwestern University		A.B. 1937, Skidmore College	
Rydholm, William Norman	Mass.	A.M. 1938, Columbia University	
Rylance, Edna M.	N.D.	Santell, Magdalene R.	D.C.
Rymer, William Wayne, Jr.	D.C.	Santor, Mary Margaret	N.Y.
B.S. in Chem. Eng. 1943, University of Tennessee		Santoro, Mary Virginia	Pa.
		Sapin, Gertrude Gloria	D.C.
		Sapiro, Allan Leroy	Calif.
		A.B. 1943, University of California	
		Sargent, Elsie Lorraine	Pa.
		Sargent, James Allen	Calif.
		Sarmiento, Ernesto Edwardo	D.C.
		Sartwell, Mary Katherine Laurence	D.C.
		A.B. 1942, The George Washington University	
		Sassani, Michael Joseph	D.C.
		Sater, Annabel	D.C.
		Sather, Helen Kerstin	Mich.
		Satina, Theresa	D.C.
		Satterlee, Gloria A.	Iowa
		Sauber, Barbara	D.C.

Sauker, Mary Jane	D.C.	Schmidt, Thecla Catherine	D.C.
Sausmio, Ethel Eversley	Md.	B.S. 1931, Spearfish Normal School (Black Hills Teachers College)	Md.
B.S. 1938, Russell Sage College	D.C.	Schmidt, William Edward	N.Y.
Sauter, Mary Eva	N.Y.	B.S. 1943, The George Washington University	N.Y.
Savell, Leon Morton	Md.	Schmitt, Frederick Gordon	N.Y.
Sawdon, Catherine D.	D.C.	B.S. 1938, Massachusetts Institute of Technology	D.C.
Sawyer, Dolores Arlene	D.C.	Schmuckler, Deroira	D.C.
Sawyer, Helen Joanne	Ark.	Schneider, Bertram Alexander	D.C.
Sawyer, Janette Sara	Ill.	A.B. 1944, The George Washington University	Colo.
Sawyer, Calvin Parker	D.C.	Schneider, Ella Kathryn	Ohio
A.B., A.M. 1942, University of Chi- cago	Greece	Schneider, Richard Bernard	Ill.
Sawyer, Fay Horton	N.J.	Schneider, Robert Marlow	N.Y.
Saylor, Lillian Irene	Ind.	A.B. 1942, University of Michigan	La.
Sbarounis, John Athanas	Va.	Schneitt, Beatrice Savant	D.C.
Sbarounis, John Athanas	N.Y.	Schnepfe, Anne Elizabeth	Md.
Scanlan, Alfred Joseph	N.Y.	Schnopp, Maude Hite	N.J.
A.B. 1941, Columbia University	Va.	Schnur, Leon Hermann	Kans.
Scanlon, Thomas Michael	D.C.	A.B. 1943, University of Newark	Kans.
A.B. 1932, LL.B. 1935, Butler Uni- versity	Ohio	Schnyder, Hazel Elinor	D.C.
Scarano, Gerard John	Pa.	Schnyder, Mary Louise	Ill.
Scarfield, Frances Helen	Pa.	Schnyder, Ruth Marion	Va.
LL.B. 1941, National University	Ohio	Schoen, Edgar Jules	Ohio
Schaaf, Raymond Henderson	D.C.	Schoen, Richard Davis	Wis.
Schaaff, Betty	Conn.	Schoene, Fred Carl	Ill.
Schackmann, Mary Catherine	Ohio	Schoettle, Mary Lou	D.C.
Schade, Stanley Greinert	Pa.	Schofeld, Leslie H.	D.C.
A.B. 1926, Washington and Jefferson College	Ariz.	B.S. 1934, United States Naval Academy	Wis.
LL.B. 1929, University of Pittsburgh	D.C.	M.B.A. 1941, Harvard University	Md.
Schaeffer, Erna May	Conn.	Scholler, Lucyle	D.C.
Schaenman, Ruth	Ohio	Schonhoff, Clem Cook	D.C.
Schamph, Homer Ward	Ariz.	Schor, Frances	D.C.
A.B. 1944, Miami University	D.C.	Schottler, William Derrick	N.Y.
Schaper, Lillie Wilhelmina	D.C.	B.S. 1930, University of Chicago	Ind.
B.S. in Ed. 1929, University of Arizona	Pa.	Schrier, C. Esther	Ill.
Schara, Earl Martin	N.J.	Schroeder, Ruth Madden	Nebr.
Schatz, Muriel Maxine	Minn.	Schroeder, Warren Hughes	N.Y.
Scheel, Chilton	Pa.	A.B. 1942, University of Nebraska	Kans.
Scheela, William Myron	D.C.	Schuber, Ireen	D.C.
Scheffey, Charles Frank	Mich.	Schubert, Coralie Williams	N.Y.
B.S. in C.E. 1943, Drexel Institute	Ill.	A.B. 1915, Baker University	D.C.
Scheiman, Ruth Adrienne	Va.	Schubert, Leo	N.Y.
Scheiman, William John	Md.	B.S. 1936, College of the City of New York	Wis.
Schell, Elizabeth Mary	N.C.	M.S. 1943, New York University	D.C.
B.S. 1942, Wheaton College, Wheaton, Ill.	D.C.	Schueler, John Julius	N.Y.
Schellack, Catherine Allen	Va.	Schuetter, MaryLou Michele	D.C.
Scheltens, Rudolf S.	D.C.	Schuler, Mabel Ann	N.Y.
Schenck, Joseph Samuel	D.C.	Schulkin, Morris	Mass.
Schenck, Marilyn Elizabeth	D.C.	Schultz, Bennett Victor	N.D.
Schenek, Jeanne Marie	Ind.	Schultz, Cleo Alice	Minn.
Schenkel, Betty Mae	N.Y.	Schultz, Ruth Marie	Va.
Schenkel, Leonard Frederick	D.C.	Schumacher, Jack	D.C.
Schepis, Rosemary	Ill.	A.B. 1942, The George Washington University	D.C.
Scherer, Annabelle Theresa	N.Y.	Schupp, Ida Gertrude	Va.
Scherf, Paul Henry	D.C.	Schwab, Patricia Alice Gertrude	D.C.
B.S. in E.E. 1938, Valparaiso Uni- versity	D.C.	Schwaner, Zaira Ernestine	D.C.
Scherlag, Irving	D.C.	Schwartz, Bella	D.C.
Scheuch, Charles Daniel	N.Y.	A.B. 1944, The George Washington University	Ohio
Schiff, Harriet	N.Y.	Schwartz, Dorothy Louise	N.Y.
Schiff, Morton Nathan	N.Y.	Schwartz, Gloria Singer	Va.
Schiffkauer, Mary Ann	Wis.	Schwartz, Helen Berger	D.C.
Schindler, Mary Ann	D.C.	Schwartz, Helen Janet	D.C.
Schlager, Bertha	D.C.		
Schleifer, Dorothy Rosemary	Md.		
Schlesinger, Jean	Ill.		
Schleske, George William	D.C.		
Schmidt, Elizabeth Jane	Ill.		
Schmidt, George Earl, Jr.	D.C.		

Schwartz, Joseph B.E.E. 1942, College of the City of New York	D.C.	Seifert, Raymond August B.S. 1939, Georgia School of Tech- nology	Conn.
Schwartz, Louis A.B. 1939, Brooklyn College	Va.	Seiffert, Florence E.	Minn.
Schwartz, Melvyn Bailey	D.C.	Seigel, Irving Marvin	D.C.
Schwartz, Morton Julius	N.Y.	Seigel, Mildred Beatrice	D.C.
Schwartz, Olga Edna	Va.	Seigel, Shirley Florence	D.C.
Schwartz, Richard Arthur Owen	D.C.	Seiler, Norma Jean	D.C.
Schwarzman, Estelle Shirley	D.C.	A.B. 1944, Swarthmore College	Pa.
Schwarzman, Florence Thelma	D.C.	Seitz, Elizabeth Anna	Mass.
Schweitzer, Britt John	D.C.	Seligman, Harold Leonard	Wis.
Schweitzer, Selma	N.Y.	A.B. 1940, Harvard University	Ala.
Schweitzer, William	N.Y.	Selinsky, James Joseph	N.J.
Seiscent, Verdi Italo	D.C.	Sellers, Julia Etta	N.Y.
A.B. 1943, University of Alabama	N.Y.	Sellon, Doris Elaine	D.C.
Sclar, Rachel Newman	N.Y.	Selzer, William I.	D.C.
B.S. 1943, The George Washington University	D.C.	A.B. 1942, Brooklyn College	D.C.
Scoglio, Eda Olga	D.C.	Senar, Isabel Annes	N.J.
Scolnik, Reuben	D.C.	Senkowska, Aniela Eleanor	D.C.
B.S. 1940, Bates College	Ky.	Senn, Auma Jene	D.C.
Scott, Barbara Dixon	Mo.	Seno, Josephine Shigeo	D.C.
Scott, Betty Kiefner	Va.	Seno, Nellie Masao	Calif.
Scott, Charles Preston	Va.	Senter, Margaret Ruth	Va.
B.S. 1929, College of William and Mary	D.C.	Septon, Mary Ellen	Pa.
Scott, Guinevere Feckler	D.C.	Sernak, Cyril William	Brazil
A.B. 1934, University of California at Los Angeles	D.C.	Serota, Myron M.	Ill.
Scott, Lila Curtiss	Va.	Serova, Inessa Michail	D.C.
Scott, Loretta Eastman	Md.	Servais, Raymond Alois	Wis.
Scott, Marian Emma	Va.	Servis, Clyde Earl	N.C.
A.B. 1937, The George Washington University	D.C.	Settle, Mary Brandau	D.C.
Scott, Mary Elizabeth	Va.	B.S. 1931, Florida State College for Women	D.C.
Scott, Nancy Jean	D.C.	A.M. 1937, New York University	D.C.
Scott, Pattie Jane	Va.	Seward, Morton W.	Ga.
A.B. 1941, Flora Macdonald College	Va.	Sevell, Mande Hicks	Pa.
Scott, Paul Laverne	Ark.	Shaeffer, Bernard Andrew	D.C.
Scott, Robert McCance	Okla.	A.B. 1943, La Salle College	W.Va.
A.B. 1942, University of Tulsa	D.C.	Shaffer, Helen Louise	Va.
Scott, Winifred Ethel	D.C.	Shafferman, Clara Virginia	D.C.
Scott, Betty Joan	D.C.	Shahan, Catherine Virginia	Mass.
Scovell, Mary Hart	Ill.	Shelton, Albert Warton	D.C.
Scull, Bruce Bernard	D.C.	Shade, Lovell Edward	Mass.
Seabrook, Martha Rachel	D.C.	Shalhoub, Samuel Adams	D.C.
Search, Harry Edwin	Pa.	B.B.A. 1932, M.B.A. 1936, B.S. in B.A. 1937, Northeastern Univer- sity	D.C.
Seaton, Mary Dale	Mont.	Shanafelt, Mary Corinne	D.C.
Sebastian, Margaret Jacquelyne	N.Y.	A.B. 1940, Trinity College	Mich.
Sebree, Mary Louise	Va.	Shanahan, Kathleen Eva	D.C.
Secrest, Elizabeth D.	Wash.	B.S. 1941, University of Maryland	D.C.
A.B. 1937, Colorado College	D.C.	Shanahan, Winifred Mary	D.C.
Secundy, Benjamin	Pa.	Shane, Margaret Brinkerhoff	D.C.
Sedinger, James Peter	Pa.	Shank, Glenn Paul	D.C.
Sedlak, Vincent Anthony	D.C.	Shanton, Thomas	D.C.
B.S. 1937, University of Scranton	Va.	Shapero, Robert	D.C.
Seebold, Robert Elvin	D.C.	Shapiro, Annette Deborah	D.C.
Seegrist, Theo Lorraine	Va.	A.B. 1943, The George Washington University	D.C.
Sealey, Margaret Kreig	D.C.	Shapiro, Benjamin	D.C.
Segal, Jack Phillip	Va.	Shapiro, Jacqueline	D.C.
Segal, Janet Miriam	N.Y.	Shapiro, Leon	N.Y.
Segal, Robert Joseph	D.C.	Shapiro, Marion S.	Ill.
Segal, Stanley Marvin	N.Y.	Shapiro, Miriam Esther	D.C.
Seibel, Laurence Elias	N.Y.	Shapiro, Nettie Sheetz	D.C.
B.S. 1940, College of the City of New York	Nebr.	B.S. in Ed 1931, University of Pennsylvania	D.C.
Seiberling, Lloyd E.	N.Y.	Sharisheva, Eugenia Vladimiz	D.C.
Seidelman, Sally	Pa.	A.B. 1944, Moscow Teachers Uni- versity	D.C.
A.B. 1942, Brooklyn College		Sharpe, Leona Viola Florence	D.C.
Seifert, Rae C. T.			
B.S. 1940, Temple University			



Sharpless, Norman Edward B.S. 1943, The George Washington University	D.C.	Sherman, Burton Stapleton Sherman, Elizabeth Carolyn Sherman, Jane	N.Y. Va. Mass.
Shattuck, Phyllis Eleanor B.S. 1939, Simmons College	D.C.	Sherman, Phyllis S. Sherred, Mary Caroline	D.C. Ind.
Shaver, Betty Lou	D.C.	Sherwood, Frederic	Va.
Shaver, John Willard B.S. 1942, New York University	N.Y.	Sherwood, Virginia	Va.
Shaver, Margaret Mary	N.Y.	Shesser, Ira	N.J.
Shaw, Charles Richard	Pa.	Shibley, Frances Wilhelm	Va.
Shaw, Daryl Winston B.S. 1931, Pennsylvania State Teachers College	Md.	Shick, James Robert A.B. 1940, Pacific University	Oreg.
M.Ed. 1936, Duke University		Shields, Greta Fern	Maine
Shaw, Edgar Monroe, Jr.	D.C.	Shields, James Talbott	N.Y.
Shaw, Ellen June	D.C.	Shillinger, Frances Anne	Md.
Shaw, Ernest Vincent	Va.	Shillinger, Frederick William	W.Va.
Shaw, Frances Page	Miss.	Shimp, LaVernon Charles	Va.
A.B. 1942, University of Mississippi		Shinnamon, Virginia Stubbs	Ind.
Shaw, Robert Dwight	D.C.	Shiple, Vera Frances	Va.
Shaw, Robert Harrison	Wis.	Shipley, Sarah Elizabeth	Ill.
A.B. 1940, Carroll College		Shipow, Betty Sherry	D.C.
A.M. 1941, University of Wisconsin		Shire, Lauvita Marie	D.C.
Shechukova, Tamara A.	D.C.	Shirley, James Dallas B.S. 1916, The George Washington University	Va.
Shea, Mary Caroline	Pa.	Shirley, Martha Loraine	
Shea, Wanda Hair	D.C.	B.S. 1938, Central State College, Olka	R.I.
Shea, William Thomas	D.C.	Shiskmanian, Elizabeth-Anne	D.C.
Shear, Jean E.	Va.	Shneidson, Anatol James B.E.E. 1944, The George Washington University	D.C.
Sheasley, Dorothy Mae B.S. in Ed. 1941, Lock Haven Teachers College	Md.	Shniderman, Lenore Hyman	Va.
Sheehy, Catherine Rose B.S. in Ed. 1934, Temple University	Pa.	Shockey, Evelyn Louise B.S. 1936, University of Virginia	D.C.
M.S. in Music Ed., University of Pennsylvania		Shockey, John William	Ohio
Sheeskin, Zelda Bertha	D.C.	Shoe, Kathryn	N.Y.
Sheets, Nellie Rosalene	W.Va.	A.B. 1910, Wittenberg College	
Sheiner, Leo	N.Y.	Shonick, William B.S.S. 1942, College of the City of New York	Tenn.
A.B. 1911, LL.B. 1933, Cornell University		Shoopman, Florence Helen	Me.
Shelby, Martha Janice A.B. 1942, University of Texas	Tex.	Shorb, Wilbert Hanson	D.C.
Shellhammer, Hazel Caroline	D.C.	Short, Kathleen Elizabeth	D.C.
Shelton, Elizabeth Imus	D.C.	Shortley, Marjorie Ruth	D.C.
Shelton, Emma B.S. 1941, University of Maryland	D.C.	Shove, Lois Aileen	Va.
Shelton, Lora Ruth	Va.	Showkeir, Julian Mansour	
Shelton, Virginia Alois	D.C.	Shreve, Mary Fairfax A.B. 1935, College of William and Mary	D.C.
Shen, Marie Louise	Md.	Shudde, Evelyn Ann	D.C.
Sheneman, Jane Johnson	Ind.	Shue, Eileen Virginia	N.Y.
Sheneman, John R. B.S. 1930, United States Naval Academy		Shuey, Elva Town A.B. and T.D. 1937, The George Washington University	Miss.
LL.B. 1942, Harvard University	D.C.	Shull, Ollie	D.C.
Sheng, Yu-Ting	Ala.	Shulman, Irving Isador B.S. 1932, Alabama Polytechnic Institute	D.C.
Shepard, Catherine S. A.M. 1938, George Peabody College for Teachers	Va.	Shultz, Marguerite Skinner	Ark.
Shepherd, William Edward	Ohio	Shultz, Mattie Lou	Me.
Shepherd, Clarence Marcellus B.S. 1932, M.S. 1933, Case School of Applied Science	N.J.	Shultz, Roberta Jean	D.C.
Sheppar, Monroe Howard B.S. 1943, University of Illinois	N.C.	Shumaker, Eliza Cochran A.B. 1944, Smith College	Ohio
Sheppard, Dorothy Short	D.C.	Shumate, Winifred	Kans.
Sheppard, Mary Elizabeth	Va.	Shupe, Walter Carle A.B. 1944, The George Washington University	D.C.
Sheppard, William Jacob	D.C.	Shupp, Mary Leora	Russ.
Sherpale, Edythe Mather	D.C.	Shutenkova, Ludmila Fominichna	Va.
Sherburne, John Collis A.B. 1941, Miami University	D.C.	Sibbett, Ruth Bentley A.B. 1916, Cornell University	N.Y.
Sheridan, Philip Henry B.S. 1944, Worcester Polytechnic Institute		Sickles, Lillian	

Siddoway, John Lewis, Jr.	Utah	Sinsabaugh, Ruth Ann	Va.
Sidlon, Bobetta Claire	Calif.	A.B. in Ed. 1944. The George Washington University	
Siekwart, Erma Charlotte	Pa.	Sirota, Marilyn	D.C.
Sierichs, Helen Thornton	D.C.	Sirota, Mildred Harriet	D.C.
Sierichs, William Cornell	D.C.	Sisk, Andrew M.	D.C.
B.S. 1943, Duke University		Sisk, Lorraine Maybell	Ga.
Sierman, Kathryn Marie	Ohio	Siskind, David I.	D.C.
Sigler, Wendell Prugh	D.C.	B.S.S. 1938, College of the City of New York	N.Y.
Simon, Agnes Marie	Ark.	Sislen, Maurice Arthur	D.C.
Simon, Margaret Irene	Va.	A.B. 1944, The George Washington University	
Silber, Ida Elfrös	D.C.	Sisler, Mary Madeline	D.C.
Phar G. 1918, Columbia University	W.Va.	Sisman, Bella	Ohio
Silber, Kathleen Regina	D.C.	Sites, James Glover	Va.
Silber, Roselyn	N.Y.	Sitkin, Elmer David	D.C.
Silberman, Seymour Harry	N.J.	Sjolseth, Maria Elizabeth	Minn.
Silk, Harry		Skiles, James Joy	Idaho
B.S. in E.E. 1951, Newark College of Engineering		Skinner, Edgel Carr	Ill.
M.S. 1941, The George Washington University		A.B. 1933, Ball State Teachers College	
Silkes, Bernard	D.C.	M.B.A. 1941, University of Chicago	
B.S. 1941, College of the City of New York		Skinner, Jean Hawes	D.C.
Sillman, Nellie Esther	N.Y.	Skinner, Verl Thompson	D.C.
Silva, Arlene Madeline	Fla.	Skott, Hilda	Wis.
Silva, Jose Luis	Cuba	Skuster, Glenda Marie	Iowa
B.S. 1943, Villanova College		Slaff, Muriel Leidner	N.J.
Silver, Alice Barbara	Ill.	A.B. 1937, Cornell University	
Silver, Cecelia	Nebr.	Slaiman, Mortimer Herbert	N.Y.
A.B. 1935, A.M. 1938, The George Washington University		B.S. 1943, University of Illinois	
Silverman, Aaron	D.C.	Slate, Jean Audrey	Md.
Silverman, Pearl Klein	N.Y.	Slate, Roy Ellis	Md.
Silverstein, Estelle	N.Y.	Slater, Carol Fahy	D.C.
Silverster, Sue Lee	D.C.	Slater, Ronald Ballard, Jr.	Calif.
Simenauer, Hildegard	D.C.	A.B. 1941, University of California	
Simms, Eunice Perry	Mass.	Slaughter, Edna Wathena	Mich.
A.B. 1938, Mount Holyoke College		Sledz, Hedwig Theresa	Ohio
L.L.B. 1941, Boston University		Slifer, Walter Lloyd	D.C.
Simmons, Dorothy Jean	D.C.	A.B. 1920, Blue Ridge College	
Simmons, Dorothy Lebo	Pa.	A.M. 1922, University of Chicago	
Simmons, Henry Taylor	D.C.	Ph.D. 1911, University of Pennsylvania	
Simmons, John Rogers	D.C.	Slindee, Gertrude Marie	Iowa
Simmons, Margaret Elizabeth	Va.	Slipp, Samuel	N.J.
Simmons, Walter L.	Okla.	Slanina, Marion Irene	D.C.
Simms, Shirley Hazen	D.C.	Slitor, Richard Eaton	D.C.
Simon, Maxine Adele	D.C.	B.S. 1932, Ph.D. 1940, Harvard University	
Simon, Virginia H.	Ky.	A.M. 1934, Colgate University	
Simonian, Stephen Lionel	Calif.	Sload, Philip Henry	Va.
B.S. in B.A. 1930, M.S. 1940, University of Southern California		Sloane, Theodore Henry	Va.
Simons, Virginia Frances	D.C.	Slocum, Beatrice Jean	Va.
Simonson, Catherine Virginia	D.C.	Slovin, Naomi	Md.
Simpers, Henrietta M.	Ind.	Slusher, Sarah Velma	D.C.
Simpson, Carolyn Neal	D.C.	Slusser, Margaret M.	Pa.
Simpson, Elizabeth Ann	D.C.	Slutsky, Mary	W.Va.
Simpson, Ellsworth Tenley	Va.	B.S. in Ed. 1937, West Virginia University	
L.L.B. 1941, The George Washington University		Smedley, Eunice Catherine	S.D.
Simpson, Jeanne Marie	Va.	Smet, August Joseph	Conn.
Simpson, L. Susan	D.C.	Smiley, Grace E.	Ark.
Simpson, Mary Audrey	D.C.	Smith, Agnes Carolyn	D.C.
Simpson, Melvin	N.J.	Smith, Alice Virginia	Va.
B.S. 1942, College of the City of New York		Smith, Alvah Leon	Ga.
Simpson, William Francis	D.C.	Smith, Anne Josephine	S.D.
B.S. 1920, Catholic University of America		Smith, Arthur Jay	Va.
A.M. 1912, The George Washington University		Smith, C. Reed	D.C.
Sinell, Elizabeth Jane	D.C.	Smith, Catherine Maine Waters	D.C.
Singletary, Lucille Waits	D.C.	Smith, Cecil Alexander	D.C.
Singleton, Lorena	Ark.	Smith, Charles Howard	Maine
		Smith, Colleen Anne	D.C.
		Smith, Cora B.	D.C.
		Smith, Criswell, Jr.	D.C.

Smith, Donald John	Conn.	Smith, Pearl O.	Ind.
B.S. 1940, Trinity College		Smith, Phyllis Elaine	Mass.
Smith, Dorothea Lynn	D.C.	Smith, Phyllis Pearl	Wash.
Smith, Dorothy Jean	D.C.	Smith, Robert Lee	Mich.
Smith, Dorr Newell	Maine	Smith, Robert Milton	Fla.
Smith, E. Marian	Calif.	Smith, Robert Tynes III	Md.
A.B. 1941, Stanford University		Smith, Roberta Evelyn	Oreg.
Smith, Estelle Viola	D.C.	A.B. 1936, Williamette University	
Smith, Ethel Louise	D.C.	Smith, Roscoe	D.C.
A.B. 1941, A.M. 1933, American University		Smith, Ruth Adell	Idaho
Smith, Eva Duvall	Va.	Smith, Ruth Ellen	D.C.
Smith, Felix Teisseire, Jr.	Calif.	Smith, Shirley B.	D.C.
A.B. 1942, Williams College		Smith, Van M.	Ariz.
Smith, Frances Eleanor	D.C.	Smith, Villa May	Ind.
Smith, Frances Ruth	D.C.	Smith, Wendell Lewis	Md.
Smith, Francis DeSales	D.C.	Smith, Wesley Phillip	S.D.
Smith, Francis Morgan	N.Y.	Smith, Will Dan	Mo.
Smith, Frank Calhoun	D.C.	Smith, William George	D.C.
Smith, Gloria Elizabeth	D.C.	Smithey, Pauline	Ala.
Smith, Grace Horsley	D.C.	B.S. 1941, State Teachers College, Florence, Ala.	
Smith, Harold Jerome	D.C.	Smithson, Margaret Virginia	W.Va.
Smith, Hazel Margaret	Va.	Smonowski, Celestine Angela	Ohio
Smith, Helen Burnadette	D.C.	Smookler, Idair Ida	Del.
Smith, Helen Gold	Kans.	A.B. 1930, University of Delaware	
B.S. 1930, Kansas State Teachers College		B.S. in L.S. 1940, Drexel Institute	
Smith, Helen Lucille	Ky.	Smookler, Sam	N.Y.
Smith, Herbert Carlton	Pa.	Smoot, Jeannette Irving	Pa.
Smith, Ivan Edgar	D.C.	Smreina, Anne	Va.
Smith, J. Russel	Utah	Smuk, Marian Cecelia	Minn.
Smith, Jack Wyman	Tex.	Snowden, Mabel Griggs	N.C.
Smith, Jane Darden	D.C.	B.S. 1926, Asheville College, N. C.	
Smith, Jane Dawson	Ill.	Snyder, Dorothy Louise	D.C.
A.B. 1918, The George Washington University		Snyder, Frank L.	Va.
Smith, Janet Simpson	Ga.	A.B. 1927, Carson-Newman College	W.Va.
A.B. 1942, University of Georgia		Snyder, Gene Ann	D.C.
Smith, Jerome Murrill	Fla.	Snyder, Jane Peters	D.C.
B.S. in B.A. 1935, University of Florida		Snyder, Jean Elizabeth	Pa.
Smith, Joseph Warren	Ohio	Snyder, John Daniel	D.C.
Smith, Josephine Lucille	D.C.	Snyder, Lucille	Va.
A.B. 1930, University of Buffalo		Snyder, Martha Frances	Ind.
A.M. 1943, The George Washington University		Snyder, Mary Genevieve	Md.
Smith, Julien Lyle	Calif.	Snyder, Paul J.	N.Y.
Smith, Kate P.	S.C.	Snyder, Robert	D.C.
Smith, Kendall Owen	Va.	Snyder, Samuel Joseph	
Smith, Leonard	Mass.	B.S. 1935, University of Chicago	Md.
Smith, Lois Elaine	Va.	Soderstrum, Anna Christine	Pa.
Smith, Lucille V.	D.C.	Soens, Roger John	Wash.
Smith, Madelyn June	Conn.	Sohraby, Sohrab	D.C.
A.B. 1938, Mount Holyoke College		Solenberger, Helen Louise	N.Y.
Smith, Margaret Ella	W.Va.	Sollins, Alfred Daniel	
B.S. 1943, Davis and Elkins College		A.B. 1945, The George Washington University	
Smith, Marietta Warren	Va.	Sollins, Nancy Thurber	D.C.
Smith, Marilyn Grace	Md.	Solnitzky, Dorothy Louise	Conn.
Smith, Marvin Dale	Miss.	Solomon, Gladys Minnie	Pa.
A.B. 1941, Mississippi College		Solomon, Helen Anna	D.C.
Smith, Mary Elizabeth	Ill.	Solomon, Hobart Franklin	Va.
Smith, Mary Ellen	Okl.	Solomon, Michael	Md.
Smith, Mary Lee	Va.	Solt, James Earl	
A.B. 1944, University of Richmond		A.B. 1934, University of Maryland	
Smith, Mary Ruth	Va.	A.M. 1930, Columbia University	D.C.
Smith, Mary Weaver	D.C.	Somerville, Arabelle	Va.
Smith, Maurice Lerry	N.Y.	Sommer, Edmund Totten, Jr.	Wash.
Smith, Milton Albert	D.C.	Sommers, Helen James	Ky.
LL.B. 1940, Washington College of Law		Sommers, Martha Fogle	
Smith, Myrtle Agnes	D.C.	A.B. 1941, Georgetown College	
Smith, Nora Oberlene	N.H.	A.M. 1943, University of Kentucky	Va.
Smith, Paula	D.C.	Sommers, Raymond	
		B.S. 1940, University of Oklahoma	Va.
		Sonnedecker, Cleo Bell	D.C.
		Sonnino, Mario Anthony	
		Ph.D. 1938, University of Rome	



Students Registered

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Soper, Edna Vianna	Md.	Spessard, Howard Lehman	Md.
Soper, Hulda	N.Y.	B.S. 1926, Gettysburg College	
Sorin, Benjamin	N.Y.	A.M. 1934, University of Michigan	
Sotrows, Howard Earle	D.C.	Spiegel, Marie	Tex.
A.B. 1945, Baylor University		Spier, Lois Fay	Mo.
Sosnick, Doris Daisy	D.C.	A.B. 1943, Park College	
Souder, George Ernest	D.C.	Spies, Harold Wade	Ill.
Souder, Helen Warfield	Md.	B.S. 1942, Mount Union College	
Soules, Blanca Helena	D.C.	Spiker, Janet Nevim	Va.
Soupouras, Helen Zanon	D.C.	Spiller, Kathleen Sexton	D.C.
Southard, Robert	Fla.	A.B. 1944, Sweet Briar College	
Southier, Carolyn Frances	Md.	B.S. in I.S. 1936, Columbia University	
Southwell, Florence Coffeen	Va.	Spindez, Sidney Simon	Md.
Southworth, George Robert	D.C.	Spindler, Pearl	N.Y.
Sowanick, Julia Ann	Pa.	A.B. 1940, Hunter College	
Sowers, James Adam	D.C.	Spiro, Evelyn	N.Y.
A.B. 1944, Fresno State College,		A.B. 1943, Brooklyn College	
Calif.		Spitz, Hillel	Conn.
Sowers, Muriel Schatz	D.C.	A.B. 1943, The George Washington	
A.B. 1943, The George Washington		University	
University		Spoonamore, Edward Bruce	D.C.
Sowda, Theodora	Mass.	Spotwood, Frances Guy	Va.
Soyster, Hale Bryan, Jr.	Calif.	Spraker, Glenna	Iowa
Spada, Aide Frank	Mich.	Spray, Paul	Pa.
Spagnola, Catherine Dolores	N.Y.	B.S. 1942, University of Pittsburgh	
Spalding, Lillian Beatrice	Va.	Sprehn, Warren	D.C.
Spangler, William Allen	D.C.	Springs, Mary Alice	D.C.
Spanier, Leila	Va.	Springer, Margaret Virginia	Md.
Spanogle, Lee Warren	D.C.	Sprinsman, Mary Regina	Va.
Sparkman, Joseph Ben, Jr.	Tex.	Springsmuhl, Carlos Silva	D.C.
B.S. 1942, Rice Institute		Sprimestead, Nan Lillian	D.C.
Sparks, Mary Regina	Ky.	Sprinkle, Gladys Miller	W.Va.
Sparks, Ruth	D.C.	Sprons, Don Eugene	Calif.
Spaulding, Cecil Caylor	Va.	A.B. 1943, University of California	
Speacht, Evelyn Ruth	Pa.	Spurlock, Eileen Mae	W.Va.
Speaker, June Marie	Va.	Spurny, Ruth Lucille	Iowa
Speaker, Richard	D.C.	Spurr, Warren Franklin	Wis.
Spearman, Eloise Lenore	D.C.	Squire, Elinor	Minn.
Spearman, Louise	D.C.	A.B. 1925, University of Kansas	
Spears, Constance	Okl.	Squire, William	N.Y.
Spears, Henry Newton	Va.	B.S. 1941, College of the City of	
Spears, William Eugene, Jr.	S.C.	New York	
Specht, Armond Joseph	D.C.	Squires, Charles Lloyd	Pa.
Specht, Rhoda Constance	Conn.	Squires, Evelyn Joyce	Va.
Spector, Minerva Anna	D.C.	A.B. 1942, Fairmont State Teachers	
Speicher, John Perry	Md.	College	
A.B. 1934, Western Maryland College		Stabeman, Kurt	D.C.
A.M. 1941, University of Maryland		Stabler, Reemald Basil	Md.
Speidel, Muriel Elizabeth	D.C.	Stacy, Madge Bernice	Tex.
Spellacy, Patricia Marion	D.C.	Stadler, Thelma Lee	S.C.
Spence, Elizabeth Rowan	Tex.	Stadtmueller, Mary Elizabeth	Iowa
B.Lit. 1929, Columbia University		A.B. 1925, Coe College	
A.M. 1938, The George Washington		Stafford, John Coulter	Md.
University		Stahl, Judith Elaine	D.C.
Spence, Janet	Va.	Stable, Margaret Sigmor	Va.
Spence, Louise Lillian	Tex.	Staiger, Jean Whittier	Md.
Spence, Mary	D.C.	Staley, Robert Ross	Calif.
Spencer, Edward Guerrons	D.C.	Stalker, Richard Wright	Tex.
Spencer, George Olin	Md.	B.S. 1931, Oregon State College	
A.B. 1943, Reed College		Stambach, George Leonard	Pa.
Spencer, John	D.C.	Stambler, Arthur	D.C.
Spencer, Orson Burnham	Va.	Stamm, Ann Bertha	Md.
Spencer, Roland Browning	Va.	Stanbury, Jean Cook	Ill.
A.B. in Ed. 1936, The George		Standish, John	Ohio
Washington University		Stanford, Ernestine Celeste	Ill.
Spencer, Ruth Marie	Md.	Stanford, Milton	Md.
Spensck, Stanley Edward	Ohio	Stankey, Juanita Ewing	Tex.
Spelling, Mary Cecilia	D.C.	Stanley, Laura May	Maine
Spero, Abraham	D.C.	Stanley, Mildred Couture	D.C.
A.B. 1944, The George Washington		Stanton, Mary Zulah	Pa.
University		Stapf, Shirley Anne	Md.
Sperry, Ava Cameron	Ill.	Staples, Edna Amelia	D.C.
		Staples, Katherine Eunice	D.C.

Staples, Kenneth Irving	Maine	Stern, Julian Bennett	D.C.
Stark, Martha Ann	Va.	Stern, Miriam Kate	N.Y.
Starkey, Elizabeth Bowie	Md.	A.B. 1934, Hunter College	D.C.
Starner, Lana Louise	Md.	Sternberg, Edward	D.C.
Starns, Charles Edwin	D.C.	M.A.B. 1941, University of Chicago	N.Y.
Starr, David Whelpley	D.C.	Sternfeld, Yetta Grant	D.C.
Stasulis, Leo	D.C.	Steuer, Phyllis Telma	D.C.
Stauffer, Harold Lloyd	Ariz.	Stevens, Alexander Warren	D.C.
Stauffer, Jane Catherine	D.C.	Stevens, Dorothy	D.C.
Steadman, Helen Louise	Ind.	Stevens, Helen Theresa	Calif.
Stearns, Rita	D.C.	Stevens, Lois Irene	D.C.
Stearns, William James	D.C.	Stevens, Virginia Bowling	D.C.
B.S. 1935, University of Chicago		B.S. 1939, University of Maryland	D.C.
Stedman, Richard Guy	D.C.	Stevens, Willard Lamont	Ind.
Steele, Barbara Lee	D.C.	Stevenson, Alice Louise	S.C.
Steele, Bernice	Ala.	Stevenson, Evelyn	D.C.
B.S. 1941, Alabama Polytechnic Institute		Stevenson, Octavia Sykes	D.C.
Steele, Herbert Earle	Mo.	Stewart, Anne Aileen	D.C.
Steele, Betty Lu	Kans.	B.S. in Ed. 1917, University of Missouri	Va.
A.B. 1943, The George Washington University		Stewart, Anne Marie	Va.
Steever, Anne Laetitia	D.C.	Stewart, Caroline Lippincott	Ill.
Steffan, Lloyd John	Wis.	Stewart, Charles Leslie, Jr.	
Steidinger, Betty Gertrude	Md.	A.B. 1940, University of Illinois	
Steiger, Jean Whittier	Md.	A.M. 1941, Louisiana State University	
Steigleman, Walter A.	Pa.	Stewart, Dorothy Frances	Va.
A.B. 1939, University of Pittsburgh		Stewart, Frederick Gordon	Mass.
A.M. 1942, University of Wisconsin		Stewart, Harry Alvin, Jr.	Tenn.
Stein, Alice Boschan	Va.	Stewart, Isabel Anderson	Va.
Stein, Anne K.	D.C.	Stewart, Kermit	Tenn.
Stein, Clare	D.C.	B.S. 1936, The George Washington University	
Stein, Elina Linborg	D.C.	Stewart, Merrick W.	D.C.
A.B. 1944, The George Washington University		Stewart, Rodney Ward	Va.
Stein, Harold Lawson	D.C.	A.B. 1933, Carleton College	
Stein, Jacob	D.C.	A.M. 1934, University of Chicago	
Stein, Jake	D.C.	Ph.D. 1938, Harvard University	N.Y.
Stein, Ralph	D.C.	Stickle, Leonard Raphael	
Steinbach, Bradley Frank	Fla.	B.S. 1936, The College of the City of New York	
Steinberg, Dorothy	D.C.	A.M. 1937, Columbia University	Md.
A.B. 1932, Hunter College		Stier, Alma De Vere	S.C.
Steinberg, Jack Norman	D.C.	Still, Samuel Hutchins	
A.B. 1943, The George Washington University		A.B. 1929, The Citadel	W.Va.
Steinberg, Paul Lawrence	Md.	Still, Sonia May	Tenn.
Steinberg, Ruby Rochelle	D.C.	Still, Vivian Marie	N.Y.
Steinberg, Thelma	Ala.	Stillier, Bertram	Va.
B.S. in Chem. 1944, University of North Carolina		Stimac, John	Md.
Steines, Esther Bertha	D.C.	Stine, Mildred Catherine	
Steines, Lorene Nora	D.C.	A.B. 1943, The George Washington University	D.C.
Steines, Marcella Louise	Mo.	Stine, Wilma Pearl	
Stello, Charles Henry, Jr.	D.C.	A.B. 1937, Western Reserve University	D.C.
Stellwagen, Barbara Pierson	D.C.	Stirling, Mary Jane	D.C.
Stembler, Selma	Pa.	Stites, Ruby	Pa.
Stenberg, Nyrikki K.	Mass.	Stith, Rees Daniel	La.
Stenger, Howard William	D.C.	Stithern, Robert Edward	Wash.
Stephan, Elsie Gertrude	Ill.	Stitt, Lucille Alma	D.C.
Stephens, Barbara Ellen	Va.	A.B. 1939, Ohio State University	Pa.
Stephens, Dorothy Nellmann	D.C.	Stock, Helene Dolores	Va.
Stephenson, Earl Donald	D.C.	Stockard, Charles Geer	Md.
Stephenson, Gloria Ann	Ark.	Stockbridge, Henry Patten	Tenn.
Stephenson, Robert	D.C.	A.B. 1939, Amherst College	
Stepkowitz, Irene Mary	Mich.	Stockton, Mabel Elizabeth	
Steppat, Anneliese	D.C.	LL.B. 1942, National University Law School	Pa.
Sterling, Arinthia Jane	D.C.	Stoker, Martha Frances	D.C.
Sterling, James Thaddeus	Md.	Stokes, Katharine Celeste	Md.
Sterling, Margaret Anne	D.C.	Stokley, Mildred Pearl	
Sterling, Mary Jane	D.C.		
Stern, Adele Simon	D.C.		
Stern, Betty Eising	N.Y.		
A.B. 1943, Swarthmore College			

Stoll, Norman A. Ph.B. 1942, LL.B. 1934, University of Wisconsin	Wis.	Stull, Geraldine Merian	Md.
Stoller, Raymond A.B. 1943, The George Washington University	D.C.	Stumpf, Imogene Stroh	D.C.
Stolmack, Eleanor June	Ohio	Sturdivant, Sarah Morrow	Tenn.
Stone, Claudia Fisher	Md.	Sturgeon, Wilma Berdine	Va.
Stone, Irene Mary	D.C.	Sturtevant, Alderje Clarence	Md.
Stone, Lewis Allston	D.C.	Stuyt, Giacomo Constantine	D.C.
Stone, Luther Edward	Md.	Engineering degree 1931, Technical University, Delft, Holland	
Stone, Robert Oliver	Md.	Suchow, Meyer	N.J.
Stone, Rose Louise	W.Va.	B.S. 1939, New Jersey State Teachers College	
Stone, Thomas Edward	D.C.	Sugar, Rhoda Natalie	D.C.
A.B. 1942, The George Washington University		Sugg, Hazel Davey	D.C.
Stone, William Leete III	Va.	Sugg, Ronald Earl	Va.
Stoner, Norman Abraham	Calif.	Sullivan, Constance Virginia	Mass.
A.B. 1937, Princeton University		Sullivan, Eunice Eileen	Mass.
LL.B. 1940, Stanford University		B.S. 1943, The George Washington University	
Stoops, Marcene	Okla.	Sullivan, John Patrick	Ariz.
Stotler, Robert Cresap	Wash.	Sullivan, Joseph J.	Pa.
Stout, Betty Jane	D.C.	Sullivan, Kathleen Veronica	Vt.
A.B. 1942, Radcliffe College		Sullivan, Kay I.	D.C.
Stout, Gladys M.	D.C.	Sullivan, Margaret Frances	R.I.
Stout, Rita Michael	D.C.	Sullivan, Mary Carolyn	Tenn.
Stover, Nancy Elizabeth	D.C.	Sullivan, Mary Helena	Md.
Stowbridge, June	D.C.	Sultan, Herbert Lawrence	N.Y.
Strand, Torstein	D.C.	A.B. 1939, Cornell University	
Stratford, Ralph Ballantyne	D.C.	A.M. 1943, Yale University	
Stratton, Lawrence	N.Y.	Summerlin, Virginia Vandergrift	D.C.
A.B. 1943, The George Washington University		Summers, Anne Theresa	Md.
Straus, Alma Fleur	D.C.	Summers, Mary Jane	Ind.
Strauss, Iris May	D.C.	Sumner, Margaret Willou	D.C.
Strauss, Lewis Hanhuer	Va.	Sung, Cheng Hio	D.C.
Strawn, Eugene William	Ill.	Supiot, Anna Marguerite	Pa.
Streeter, Virginia Lee	Va.	A.B. 1941, The George Washington University	
Streeter, Barbara Jean	D.C.	Sures, Allan Herbert	D.C.
Streeter, Donald Nelson	D.C.	A.B. 1940, B.S. 1942, The George Washington University	
Streets, Ronald Emerson	D.C.	Sures, Bebe	D.C.
Streinz, Clare J.	Pa.	Sures, Ruth Ann	D.C.
Strever, Vera Agnes	N.Y.	Surinchak, Susan	D.C.
Strickland, Lawrence Gordon	D.C.	Surowitz, Irma Selma	D.C.
Strickland, Ruby Arlena	D.C.	Sutherland, Allan Arthur	Mont.
Strickler, Goldie Virginia	D.C.	Sutton, Eileen Mae	Ga.
Strigina, Galena Nicolas	D.C.	Sutton, Patricia	D.C.
Strobel, Marian	Utah	A.B. 1944, Smith College	
Strome, Helen Bernadette	Pa.	Svete, Evelyn Carroll	Ohio
Strong, Laurie Barber	Ala.	Swain, Esther Merle	Mich.
Strong, William Ronald	D.C.	A.B. 1927, A.M. 1931, The George Washington University	
Stroth, Billie June	Va.	Swain, Garrett Michael	Md.
Stroup, Matthew Alfred	Okla.	Swanson, Isabel Mary	Kans.
A.B. 1939, University of North Carolina	N.C.	Swanson, Rollan	D.C.
Strout, Warren Greenleaf	Maine	Swart, Mildred Adaine	Md.
A.B. 1943, University of Maine		Swarthout, Mildred Guy	Va.
Story, Ellen Emmades	D.C.	Swartz, Norma	N.Y.
Struble, Alden H.	D.C.	Swartz, Sydney Marshall	Pa.
A.B. 1930, Michigan State Normal School		B.S. 1942, Pennsylvania State College	
M.S. 1932, University of Michigan		Swazey, Phoebe Ann	Ill.
Strumillo, Clement John	Kans.	A.B. 1947, Vassar College	
Strupp, Hans H.	D.C.	Swearingen, Carrie Huff	D.C.
Strupp, Werner	D.C.	Swearingen, Juanita M.	D.C.
Stuart, Claudia Rhett	D.C.	Sweatt, Tiny W.	Va.
Stuart, Marjorie Elizabeth	D.C.	A.B. 1931, University of Texas	
Stubblefield, Dorothy Frances	Va.	Swedine, Elizabeth C. M.	Mich.
Suchly, Henrietta Rose	Tex.	Sweeney, Dorothy Eleanor	D.C.
Stucky, Robert Bruce	D.C.	Sweeney, Henry Whitcomb	N.Y.
Stoddart, Kathleen M.	Minn.	A.B. 1919, B.S. 1920, M.S. 1921, A.M. 1924, Ph.D. 1936, Colum- bia University	
Studee, Stephen Albert	Wis.	LL.B. 1940, Georgetown University	
		Sweeny, John Lawrence, Jr.	Calif.



Sweet, Elizabeth Coblentz	D.C.	Taylor, Beulah Mae	Ala.
Sweet, William Luther	D.C.	Taylor, Clayton	Calif.
Swegart, Jack Eugene	Mo.	Taylor, Eleanor Robert	D.C.
Swenson, Carl Robert	D.C.	Taylor, Jean Ann	Va.
Swenson, Nella Jean	D.C.	Taylor, Lena Rachel	Va.
Swett, Mary Louise	Md.	Taylor, Leota Stella	Ark.
Swiller, Sydney	N.J.	Taylor, Mildred Ellen	Mo.
Swim, Allen Edward	Ill.	Taylor, Millie Ivor	S.C.
Swimford, Paul Wells	Okla.	A.B. in Journ. 1932, University of	
Swing, Patricia Mary	D.C.	South Carolina	
Swinson, Mildred Evangeline	D.C.	Taylor, Muriel Jean	Md.
Swinton, Joseph Paul	Va.	Taylor, Olivia	D.C.
Swinton, Margery Olive	Va.	A.B. 1913, The George Washington	
Switzer, Margaret Long	Tex.	University	
Switzko, Olga R.	Pa.	A.M. 1937, American University	
Sworzyn, Marilyn Davis	D.C.	Taylor, Ozell	Tex.
A.B. 1943, Connecticut College		Taylor, Robert Paul	D.C.
Sykes, Malrina Yerger	Miss.	Taylor, Shiela Byrne	R.I.
Sylvester, Mary Lila	D.C.	Taylor, Sylvia Laird	D.C.
Syme, Robert Haldane	Wyo.	Taylor, Thomas Leiper	D.C.
		Taylor, Virginia Edna	Va.
		Taylor, William Henry	D.C.
Taeves, Anne	D.C.	Teachout, Georgene Beth	Iowa
Taffet, Hana	N.Y.	Tedder, Vera Childress	N.C.
Taft, Ramona Willmetta	Md.	Tedder, William Walter	Fla.
Taichoff, Miriam Lillian	Va.	Teeter, Wallis Leroy	Kans.
Tait, Patricia Roberts	N.Y.	Teitelbaum, Irving	D.C.
B.E. 1944, State Teachers College,		B.S. 1941, Georgetown University	
Oneonta, N. Y.		Tekley, Eileen Shandler	Mass.
Talbert, Betty Virginia	Va.	Temin, Adele	D.C.
Talbot, Dorothy Ruth	N.Y.	Templeton, John Alexander	Pa.
Tall, Nancy Lee	Va.	Templeton, Katherine Louise	Pa.
Tallman, Raymond James	N.Y.	Templeton, Thomas Stokes	Pa.
Taloumis, Calliope	Mass.	Teng, Lieng Hsi	D.C.
A.B. 1944, Tufts College		A.B. 1936, Northeastern University	
Tamarkin, Paul	R.I.	Teng, Stephen	D.C.
B.S. 1942, Brown University		Tenney, Jeanne Phyllis	D.C.
Tanaka, Yukiye	Calif.	Tennyson, Edna Gertrude	D.C.
Tang, Betty Victoria	D.C.	Tennyson, J. Burch	Md.
Tanner, Dale Lunt	Nebr.	A.B. 1928, The George Washington	
Tanner, Eudora Arlene	Ill.	University	
Tapernoux, Pierre Jean	N.Y.	Tennyson, Maryjeanne Elizabeth	D.C.
Taranto, Vorah Clifton	Va.	Terrell, Eula Lea	Maine
Tarbell, Elizabeth Ann	Del.	Terrell, Lou	D.C.
Tard, Evelyn Jean	W.Va.	Terrett, Nancy Jane	D.C.
Tardif, Hermine	Canada	Terrill, Elinor	D.C.
Tarpley, Bertiemary	D.C.	Terry, Esther Tuttle	D.C.
Tarpley, Gloria Swann	D.C.	B.S. 1927, Wilson Teachers College	
Tarrant, Rowland Vance	Md.	Terry, John Haslet	N.Y.
Tarry, Betty Lee	Va.	B.S. 1937, M.S. 1938, Rensselaer	
Tasis, Enrigue	D.C.	Polytechnic Institute	
Tassi, Gordon Jordan	D.C.	Tesh, Gardner Lewis	Va.
B.S. 1942, The George Washington		A.B. 1941, Catholic University of	
University		America	
Tassi, Ruth Rahko	Minn.	Teske, Elaine Theodora	Wis.
Tassler, Adrienne	D.C.	Teutsch, Erika Elizabeth	N.Y.
Tate, Edward Engram	Va.	A.B. 1943, Swarthmore College	
B.S. 1933, University of Virginia		Tewell, Charles Richard	Md.
Tate, Elizabeth	Va.	Tewinkel, Garrett Carper	Md.
A.B. 1939, Reed College		B.S. in M.E. 1932, State College of	
B.L.S. 1942, Pratt Library School		Washington	
Tate, Marion Keefer	Md.	M.C.E. 1940, Syracuse University	
A.B. 1925, The George Washington		Thackaberry, Gloria Ruth	Va.
University		Thackaberry, Mary Waynette	Va.
Tattan, Barbara Ann	Va.	Thacker, Joel Davis	D.C.
Tatum, Zella Fay	Tex.	Thackston, Rebekah	D.C.
B.S. in Com. 1940, Texas Christian		Thaler, Anne Marie	D.C.
University		Thames, Martha Ann	D.C.
Taylor, Alexander Robert	D.C.	Thatcher, Joan Mary	Va.
Taylor, Alicia Ann	D.C.	Thayer, Iona June	Ohio
Taylor, Bell	Tex.	Thaw, Benjamin Dows	D.C.
Taylor, Benton Elmore	D.C.	Theby, Joan Catherine	N.D.
A.B. 1926, The George Washington		Theophilos, Sophia Niobe	D.C.
University			

Therault, Annette	D.C.	Tiedemann, Frank Henry	N.Y.
Thevenin, Esther Blanche	Iowa	B.B.A., 1943, College of the City	
Thiele, Virginia Katherine	Wis.	of New York	
Thom, Herbert	Minn.	Tiernan, Regina Mary	Va.
Thomas, Beulah	Va.	Tietz, Caroyl	N.J.
B.S. 1933, Radford Teachers College		A.B. 1943, Bryn Mawr	
Thomas, Ena Elva	Minn.	Tievsky, Marvin	D.C.
Thomas, Ferris Bertram	Md.	A.B. 1937, The George Washington	
Thomas, Harold Knowles	D.C.	University	
Thomas, Helen	D.C.	Tikotsky, Grace	N.Y.
Thomas, James Samuel	Ky.	Tillman, Leota	D.C.
Thomas, John Benton	Del.	Tillman, Ophelia Mae	Okla.
Thomas, Jean Moyer	Md.	Tilman, Ruies	Va.
B.S. 1936, Madison College		Tilton, Clara Eva	N.H.
Thomas, Jessie	D.C.	Tilton, Pearl B.	D.C.
Thomas, Lottie Capers	D.C.	Timberlake, Lucie Compton	Va.
Thomas, Mary Ann	Ind.	Timberlake, Philip Franklin	Calif.
Thomas, Patrick Moses	Md.	Timmerman, Mercedes Mary	D.C.
Thomas, Rhea Olive	Ohio	Timms, Albert George	Md.
Thomas, William Earle	Md.	B.S. 1940, Lewis Institute	
Thomas, William Harold	D.C.	Tinnin, Helen Marie	Va.
Thomasian, Aram John	Mass.	Tippett, Violet Marjorie Clinton	D.C.
Thomasson, Esther Julia	Ark.	Tirado, Tula	D.C.
Thomasson, Ethel Maye	Ark.	A.B. in Ed. 1938, University of Puerto	
Thomasson, Robert Neal	Ark.	Rico	
Thompson, Berry Rector	D.C.	Tissier, Marie Ursula	Ill.
Thompson, Betty Ann	Va.	Titcomb, Barbara Elizabeth	D.C.
Thompson, Betty Lee	Wash.	Titus, James Wetmore	Pa.
Thompson, Edwin Strock	Pa.	B.S. in M.E. 1943, University of	
B.S. in C.E. 1933, Tri-State College		Pennsylvania	
Thompson, Florence	N.Y.	Tobias, Marjorie Carol	Pa.
B.S. 1928, Elmira College		Tobin, Gerald Charles	Calif.
Thompson, Frank Marion	Tenn.	Tobin, Margaret Catherine	N.Y.
LL.B. 1939, The George Washington		A.B. 1935, Cornell University	
University		Todd, Anderson	Md.
Thompson, Geraldine	Oreg.	Todd, Jane Gertrude	Va.
Thompson, Harry Francis	Md.	Todd, Edna Alis	Va.
Thompson, Jo Lineberry	D.C.	Toffolo, Dominic Samuel	Mich.
Thompson, Lorraine Woolrich	Wyo.	B.E.F. 1944, The George Washing-	
Thompson, Nancy Virginia	Calif.	ton University	
A.B. 1938, University of San		Toft, Bergit	Iowa
Francisco		Toine, John Moore	Pa.
Thompson, Nellie Ellen	Wash.	A.B. 1943, Gettysburg College	
Thompson, Nellie Zatta	Nebr.	Tolan, Alma-Jean	D.C.
A.B. 1943, The George Washington		Tolbert, Amelia Alpha	Tex.
University		Tolen, Betty Jane	Minn.
Thompson, Paul Brock	D.C.	A.B. 1942, University of Wisconsin	
Thompson, Paul Lloyd	D.C.	Tolmach, Myra Lee	D.C.
Thompson, Russell Claude, Jr.	Va.	Tolson, Martha Jane	D.C.
Thompson, Ruth Collins	Okla.	Tolson, Walter James	D.C.
Thompson, Thelma Arlene	Iowa	Tomasick, Dorothy Mary	Pa.
Thompson, Elizabeth Van Anda	D.C.	Tome, John Moore	Pa.
A.B. 1935, Swarthmore College		A.B. 1943, Gettysburg College	
Thomson, Margaret Davis	D.C.	Tomlinson, James Addison, Jr.	S.C.
Thomson, Mary Isabelle	D.C.	B.S.C. 1940, LL.B. 1943, University	
Thomson, Mary MacCutcheon	Pa.	of South Carolina	
Thomson, Stanley Jocelyn	Calif.	Tompkins, Charnian Ettinger	Va.
A.B. 1931, University of California		Tompkins, Kermit Benton	D.C.
at Los Angeles		Toothman, Arthur Herbert	D.C.
Thomson, Talmage Malben	D.C.	Toporek, Milton	D.C.
A.B. 1942, Brigham Young University		A.B. 1940, Brooklyn College	
Thorn, Patricia Alice	D.C.	Toporek, Pauline Schwartz	D.C.
Thornburgh, Virginia Lee	D.C.	Torney, Margaret June	Va.
Thorne, Kathleen Mayers	D.C.	Torrance, Isabelle Chisholm	Pa.
A.B. 1926, Syracuse University		Torres, Gordils, Gilda	D.C.
Thorne, Shirley Marie	D.C.	A.B. 1944, University of Puerto Rico	
Thorton, Gladys	Wis.	Toucey, Richard Matron	Va.
Throckmorton, Neville Inskeys, Jr.	D.C.	B.S. 1934, Northeastern University	
Thurber, Rebecca Sue	Va.	Toupasz, Elizabeth Mary	Conn.
Thurston, Mary Ann	D.C.	Tower, Ramona	Mass.
Thwarter, John Keith	D.C.	Towey, Shirley Catherine	N.J.
Thwaites, Violet	D.C.	Towle, Lois Viola	Iowa
Tibben, Elaine La Dona	Va.	Townsend, Eileen May	Md.





VanDeusen, Edmund Lorenz	N.Y.	Vinik, Harold	Fla.
Vandiver, Mila Lenora	Okla.	Vinik, Jack	D.C.
VanDoran, Margaret Stryker	N.J.	Viqueira, Grace Nancy	D.C.
Van Eck, Fred M.	Conn.	Visintainer, Anne Benedicta	Pa.
M.B.A. 1941, Harvard University		Vito, Minnie Jennie	Ill.
Van Eck, Henriette Marie	D.C.	Ph.B. 1944, Northwestern University	
Van Geem, Vanetta G.	Tex.	Vivari, Joseph	Conn.
Van Gelderen, Bertha Elizabeth	D.C.	Vize, Alma Roscoe	Wash.
Van Horn, Elizabeth Jane	D.C.	A.B. 1943, The George Washington	
Vaniglio, Licia Antoinette	D.C.	University	
Van Kuren, Marie Steel	Ohio	Vlahos, Maria	Ill.
Vann, Selma W.	D.C.	Vlassis, Agnes Jean	Wis.
Van Reed, Grace Ballard	Va.	Vliet, Mary Louise	Va.
Van Sant, William Lawrence	W.Va.	Vlissidis, Angelina	D.C.
Van Story, Eloise Peterson	D.C.	A.B. 1944, Dunbarton College	
Van Yuga, John	Va.	Voelpel, Jack C.	D.C.
Varela, Jose	D.C.	Vogel, Lou Jean	Nebr.
Vargas, Lester Lambert	R.I.	Vogl, Joseph Francis	N.Y.
Varoutsos, Perry	D.C.	Volland, Robert Joseph	Md.
Varrati, Gilda Elvira	N.Y.	Volz, Mary Elizabeth	Md.
A.B. 1941, Hunter College		Von Harder, Dottie Steffer	D.C.
Varty, Betty Ann	Md.	Von Stechow, Eugenia Maude	Va.
Vasa, Vladimir	D.C.	Vopat, Rose Mary	Kans.
A.B. 1943, A.M. 1944, The George		Vosmek, Francis Joseph	D.C.
Washington University		Votaw, Mary Wharton	Mo.
Vasquez, Carlos A.	D.C.	Votaw, Ruth Louise	Mo.
A.B. 1935, LL.B. 1944, Catholic		Vought, Margaret Copeland	D.C.
University, Lima, Peru		A.B. 1942, The George Washington	
Vaughan, Mary Lowry	D.C.	University	
Vaughan, Nellie Elizabeth	Va.	Vrahiotes, Helen	D.C.
Vaughn, Frances May	D.C.	A.B. 1944, The George Washington	
Vaughn, Marthada June	Ind.	University	
Vaughn, Thelma R.	D.C.	Vrahiotes, Louellen Marie	D.C.
Vazquez-Grana, Rafael Sanchez	P.R.	Vrettos, Louis	Mass.
Veale, Helen C.	D.C.		
Vedeler, Harold C.	Nebr.	W	
A.B. 1926, University of Iowa		Wabisky, Irene Margaret	N.Y.
Ph.D. 1933, University of Wisconsin		Wacha, Albert A.	Md.
Velander, Wallace Earl	Minn.	Wacker, Stella Czuba	D.C.
Velasco, J. Manuel	D.C.	A.B. 1937, Ohio State University	
Ph.B. 1940, University of Central		Waddell, Jack L. Parker	Md.
Venezuela		Wadden, Edwina Pou	D.C.
Velkoff, Cyril L.	Md.	Wade, Charles Joseph	D.C.
A.B. 1942, The George Washington		Wade, Clarence	D.C.
University		Wager, Albert Leslie	Va.
Venezky, Alice Sylvia	D.C.	Wagman, Evelyn Lucille	D.C.
A.B. 1944, The George Washington		Wagman, Simon	N.Y.
University		Wagner, Dorothy Evelyn	Ohio
Venezky, David Lester	D.C.	Wagner, Elaine Pearl	Nebr.
Veno, Esther Genevieve	Mass.	Wagner, Irving Isador	N.Y.
Vera, Melecio Guzman	D.C.	Wagner, Julia Marcella	Idaho
Vererka, Mary Roberta	D.C.	Wagner, Mary Gertrude	D.C.
Vernier, Vernon George	Ill.	A.B. 1944, The George Washington	
Vernlund, Edna Elizabeth	Minn.	University	
Vernoff, Samuel	N.Y.	Waide, Helen Inez	Va.
Verry, Earleen Ethel	Oreg.	A.B. 1934, Mary Baldwin College	
Verry, Edith Louise	Oreg.	A.M. 1941, Columbia University	
Vest, Ioan Pinckney Wheeler	Md.	Waide, S. Elizabeth	Miss.
Vetrone, Mary Genevieve	N.Y.	Wairick, Gladys Arlene	Pa.
Vials, Mary Roberts	D.C.	Waits, Betty	D.C.
Vick, Frances Ethel	Ala.	Waits, John Virgil	D.C.
Vidlak, George	Ill.	Walbron, Andre Charles	D.C.
Vidos, Mary Anna	D.C.	Walden, Betty Yvonne	Calif.
Vidrine, Elinor Deming	La.	Walden, Dorothy Mae	Calif.
A.B. 1934, Louisiana State Uni-		Waldron, Mattie Alice	Va.
versity		Wales, Charles Porter	Md.
Viglione, Gaetano Thomas	D.C.	Wales, Maunida Sue	Va.
Vigness, Helen Anne	D.C.	Walker, Clifford Layton	Va.
Villarejo, Oscar Milton	D.C.	Walker, Frieda	D.C.
Vincent, Marie Theresa	N.Y.	Walker, John Frost, Jr.	S.C.
Vincent, Mary Ellen	D.C.	A.B. 1932, LL.B. 1935, University	
Vincer, Richard	Ill.	of South Carolina	
Vinci, Carolyn	Conn.	LL.M. 1942, The George Washington	
		University	

Walker, Kenneth Beeler	Va.	Warren, John Wayne	Kans.
Walker, Margaret Louise	D.C.	A.B. 1941, Washburn College	Fla.
Walker, Nancy Elizabeth	D.C.	Warren, Joseph Delmas	D.C.
Wall, Elinor Weldon	Va.	Warren, Leicester	Kans.
A.B. 1933, Randolph-Macon Women's College		Warren, Melba Frances	D.C.
Wallace, Betty Irene	Ohio	Warthen, Robert Orr	Pa.
Wallace, Dorothy June	D.C.	Washabaugh, Elsie May	Pa.
Wallace, Emert Butler	Minn.	Washington, Bushrod Corbin	
Wallace, Gladys Wayne	D.C.	A.B. 1943, The George Washington University	
Wallace, Jennie	Mass.	Washington, Dorothy Anne	D.C.
B.S. in Ed. 1932, Boston University		Waskiewicz, Stanley C.	Pa.
Wallace, Kathryn Marie	D.C.	Wasser, Frances Rothberg	D.C.
Wallace, Keene Manning	Va.	Wasserman, Goldie	D.C.
Wallace, Mary C.	Mass.	Wasserman, Samuel	D.C.
Wallace, Roslyn Elizabeth	Md.	Wasson, Elaine Joyce	D.C.
A.B. 1944, Brenau College		B.S. 1941, Wilson Teachers College	
Wallach, Sylvan	N.J.	Watkins, Cameron Dalton	Md.
B.S. 1934, Rutgers University		Watkins, Mary Elizabeth	D.C.
Wallack, Charles Frank	D.C.	Watson, Bruce Parish	D.C.
Wallender, Elizabeth Ann	D.C.	Watson, Dorothy Frances	N.D.
Waller, Aline Nansby	Md.	Watson, Ellen Virginia	D.C.
A.B. 1943, Smith College		Watson, John William	Mass.
Wallis, Ray Ware	Tex.	A.B. 1933, Tufts College	
Walmsley, Marion	D.C.	LL.B. 1936, Boston University	
Walrath, Bonnie Faye	Ill.	Watson, Kenneth Marshall	Iowa
Walsh, Elizabeth Jane	Iowa	B.S. 1943, Iowa College of Agricultural and Mechanic Arts	
Walsh, Helen Frances	Mass.	Watson, Lillian Gertrude	D.C.
Walsh, Margaret M.	D.C.	Watson, Ralph E.	Ind.
B.S. 1933, Northwestern University		A.B. 1944, The George Washington University	
Walsh, William Ashurst	Va.	Watson, Sadie Mae	D.C.
Walston, Vernal Marie	Ill.	Watson, Thomas John	W.Va.
Walters, Maldwin Ira	D.C.	Watters, Jane Elizabeth	D.C.
Walters, Virginia Arline	Nebr.	Watterson, Clark Callister	D.C.
Walton, Thomas Snyder	Utah	Watts, Virginia Lee	Md.
Walton, William Upton	D.C.	Waxberg, Joseph David	N.Y.
Wang, Ming	D.C.	Way, Mattie Berton	D.C.
Wang, Ta	D.C.	Wayt, Frederick Willis	D.C.
Warbrinton, Eleanor Lucille	Ind.	Weare, George Cabot	D.C.
Ward, Aline	Fla.	Weare, Josephine Wilma	D.C.
A.B. 1914, Hollins College		A.B. 1942, Maryland University	
A.M. 1923, The George Washington University		Weathersbee, Frank Burkhead	D.C.
Ward, Annette Culler	D.C.	Weaver, Elman Owen	Ill.
Ward, Carolee Lane	D.C.	B.Ed. 1940, Southern Illinois Normal University	
Ward, Charles Henry	N.Y.	Webb, John Sidney	Md.
Ward, Claire Frances	Mass.	B.S. 1936, M.S. 1937, Pennsylvania State College	
Ward, Douglas Sharp	D.C.	Webb, Mary Jane	Md.
A.B. 1932, Drake University		Webb, Ruth Kincer	D.C.
A.M. 1918, Chicago University		A.M. 1936, The George Washington University	
Ward, Edward Francis	D.C.	Webber, Barbara Anne	D.C.
Ward, Ernest H.	Va.	Webber, Ruth Rebecca	Fla.
A.B. 1927, Marietta College		Weber, Charles John, Jr.	Ga.
A.M. 1937, Ohio State University		Weber, Helen Farnsworth Lawson	Va.
Ph.D. 1942, University of Cincinnati		Weber, Roslyne Gross	D.C.
Ward, Helen Hawkins	Va.	Webster, Frances Lee	D.C.
A.B. 1942, State Teachers College, Farmville, Va.		Webster, Frances Louise Smith	D.C.
Ward, Helen Theresa	Md.	Webster, Mary Earle	D.C.
Ward, John Albert, Jr.	Va.	Webster, William Irus	D.C.
Ward, Lucy Lee Leslie	D.C.	Wechsler, Herbert Milton	D.C.
Ward, Patricia Lorene	Ky.	A.B. 1943, The George Washington University	
Ware, Anne Ritchie	W.Va.	Wedderburn, Alexander John	Va.
Ware, Shirley Mae	Va.	Weder, Genevieve Lillian	N.Y.
Warfield, Marion Dixon	D.C.	A.B. 1944, Pennsylvania State College	
Warner, Betty Jean	Conn.	Weed, Elinor Coolidge	Md.
A.B. 1944, Smith College		Weed, Florence Olga	Tex.
Warner, Glenn Allyn	Wash.	A.B. 1937, A.M. 1938, University of Texas	
Warner, Harold Ellsworth	Md.		
A.B. 1913, A.M. 1920, Ph.D. 1931, The George Washington University			

# Students Registered

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Weeden, Henry Gregory	D.C.	Wertkin, Edward	Pa.
Weekley, Shirley Adelle	Md.	B.S. 1938, University of Pittsburgh	Pa.
Weeks, Gladys Evelyn	D.C.	West, Eleanor Theodora	Mass.
Weena, Benjamin Burch	Va.	West, John Carl	S.C.
A.B. 1935, A.M. 1939, Duke University		A.B. 1942, The Citadel	S.C.
Weethie, Betty Eileen	Va.	West, Lois Rhame	S.C.
Weetman, Cornelius Jewell	Va.	B.S. 1943, Winthrop College	D.C.
Weir, Maurice Burton	Md.	West, Oliver Leomin	D.C.
Wehrli, Edna Florence	Va.	A.B. 1927, Harvard University	
Weible, Geraldine Madeline	D.C.	A.M. 1936, Columbia University	
A.B. 1942, American University		West, Robert Wilcox	Md.
Wedmar, Lucy Estes	N.Y.	West, Shirley Mae	Wis.
A.B. 1942, Syracuse University		West, Vincent	Conn.
Weil, Gerard Gordon	D.C.	A.B. 1939, Amherst College	
Weil, Richard Sherer	Pa.	Westall, John Finley	D.C.
Weilheimer, Lotte Ruth	D.C.	Westlake, John Trevanion	N.Y.
Weimer, Elaine Marie	Iowa	A.B. 1938, Harvard University	
Weinberg, Mary Jane	D.C.	Westley, William M.	N.D.
Weinberger, Tressa Ethel	D.C.	A.B. 1922, Jamestown College	
Weiner, Betty Gilba	Va.	A.M. 1935, University of Minnesota	
Weinert, Mildred	D.C.	Westwater, Mary Elizabeth	D.C.
Weinreb, Ruth Betty	D.C.	Westwood, Phyllis	D.C.
Weinstein, Beatrice	D.C.	Wenzler, Andree Beatrice	Ill.
Weinstein, Robert Earl	D.C.	B.S. 1942, Bryant College	
Weinstock, Monroe	N.Y.	Whalen, Harry Eugene	D.C.
Weinstock, Selma Elaine	D.C.	Wheatley, Edythe Joan	D.C.
Weir, John Dallzell	D.C.	Wheaton, Richard Murray	Iowa
Weirick, Gladys Arlene	Pa.	Wheeler, Helen Benschella	N.C.
Weisbach, Samuel	N.Y.	Wheeler, Meta Iho	Va.
A.B. 1942, New York University		Wheeler, Robert Prentiss	Md.
Weisenburger, Faye Darleen	D.C.	A.B. 1942, University of California	
Weiss, Carleton G.	Ind.	Wheeler, Ross S.	D.C.
B.S. 1942, University of Pennsylvania		Wheeler, Ruth Elizabeth	D.C.
Weiss, Charlotte	N.Y.	Whelan, Anne Estelle	Minn.
Weiss, Irving	Va.	Whelton, Richard Lee	D.C.
LL.B. 1936, LL.M. 1937, Brooklyn Law School		B.S. 1944, University of Maryland	
Wease, Harris Albert	Wis.	Wherry, Frances Elmore	Va.
Weeskopf, Vera Jordan	D.C.	Wherry, Marilyn	Nebr.
Weesling, Mary Kay	Va.	Whitehart, Irma Marion	Va.
Weitzel, Elizabeth Marcoron	Va.	Whitaker, June Lois	D.C.
Welch, Anne Lynn	D.C.	Whitaker, Ken Griffin, Jr.	Tenn.
Welch, Elizabeth Churchill	N.Y.	A.B. 1944, University of the South	
Welch, Martha Keller	Va.	Whitaker, Scott Merrill	Calif.
Welch, Mary Catherine	D.C.	White, Alice Hermanson	D.C.
Welcome, Gerald W.	D.C.	White, Arkeley Elizabeth	D.C.
Wellman, Walter Jay	N.Y.	White, Barbara Persis	Mass.
Wellman, Wayne Eugene	D.C.	White, Bernard Samuel	Nebr.
Wells, Charles Robert	D.C.	A.B. 1938, University of Nebraska	
Wells, Delbert Eugene	D.C.	LL.B. 1940, Creighton University	
Wells, Elizabeth Dorothea	Md.	White, Clara Belle	Tex.
Wells, Elizabeth Lee	Mass.	White, Della Frances	Mo.
A.B. 1943, Skidmore College		White, Donald Lloyd	Md.
Wells, Nolle	Tex.	B.S. 1944, The George Washington University	
Welty, Harvey Albert	Md.	White, Edith Mary	Va.
Wendt, Carolyn Mae	Md.	White, Francis J.	Mass.
Wentworth, Eleanor Elizabeth	Mass.	White, Georgia Rebecca	Md.
B.S. 1941, Massachusetts State College		B.S. 1943, State Teachers College, Salisbury, Md.	
Wentworth, Helen	Ky.	White, Gloria	N.C.
Wenzl, Eleanor Lois	Iowa	White, Helen Louise	Va.
Werner, Dorothy Louise	Tex.	A.B. 1942, University of North Carolina	
Werner, Joseph Gustave	Wis.	White, Helen Scott	Va.
A.B. 1941, LL.B. 1946, S.J.D. 1947, University of Wisconsin		White, Imogene	Ark.
Werner, Seymour	N.Y.	White, Irene	D.C.
A.B. 1942, The George Washington University		White, John H.	Mo.
Werner, Victor Emile	N.Y.	White, John William	D.C.
Werenbruch, Mary Claire	D.C.	White, Katie Lou	N.C.
Wertheim, David S.	Va.	White, Margaret Ann	D.C.
Wertheim, Virginia Kathryn	Ill.	White, Mary Elizabeth	Tex.
		White, Philip K.	Va.
		White, Philip Taylor	Ohio



White, Phyllis	D.C.	Wilkins, Leah Woods	D.C.
White, Phyllis Roberta	D.C.	A.B. 1943, The George Washington University	D.C.
White, Ruth	N.Y.	Wilkins, Thurman	Calif.
White, Sara E.	Ala.	A.B. 1939, University of California at Los Angeles	Md.
Whitehead, Constance Capron	R.I.	Wilkins, Verna Moody	N.C.
Whiteman, Dorothy Ann	Ind.	Wilkins, William Yarborough, Jr.	
Whitesell, Patricia Jane	Md.	B.S. 1937, University of North Carolina	Fla.
Whitfield, Anna Louise	D.C.	Wilkinson, Billie Ruth	Pa.
Whitman, Codie Arbutus	Mass.	Wilkinson, Joseph Clarence	Conn.
Whitman, Lucetta Fay	Md.	Wilkowski, Hedwig Theresa	D.C.
Whitman, Mary Canfield	Mass.	Willer, Lee Herbert	D.C.
Whitman, Mary Theresa	D.C.	Willer, Selma	Md.
Whitmoyer, Robert Ellwood	Pa.	Williams, Anna Mildred	S.C.
Whitney, Inez Schneider	Okla.	Williams, Christabel Mayfield	
A.B. 1929, Southwestern State Teachers College, Okla.		A.B. 1910, Furman University	Pa.
Whitson, Mary Louise	Iowa	Williams, Claire G.	Mich.
Whitt, Patricia Stewart	D.C.	Williams, Cynthia Ann	Pa.
Whittaker, Mabel Margaret	Pa.	Williams, David Rhys	D.C.
Whittle, Almeda Kline	Va.	Williams, Dorothy Goodwin	Va.
Whittle, Donald	Md.	Williams, E. Ruth	D.C.
Whittlesey, Mary Jane	D.C.	Williams, Edith Louise	D.C.
Whittlesey, Mary Lavenia	Ohio	Williams, Elma	Mich.
Whitmer, Mary Katharine	W.Va.	Williams, Florence Elizabeth	Ala.
Whitmore, Betty Allnutt	D.C.	Williams, Frances Elnora	N.J.
Whitson, Mary Louise	D.C.	Williams, Harry C., Jr.	Tenn.
Whyte, Elizabeth Louise	N.Y.	Williams, Jean Elizabeth	N.J.
Whyte, Joseph Lawrence		Williams, John Frank	D.C.
B.S. 1936, New York University		Williams, Margaret Lucretia	D.C.
Whyte, Rosalie Ann	D.C.	Williams, Martin Wesley	S.C.
Wickre, Paul David	D.C.	Williams, Mary Marguerita	
Widener, Faye Evelyn	D.C.	Williams, Maude McCraw	
Widenhouse, James Baker	N.C.	A.B. 1911, Limestone College	
Widmayer, Clara Louise	Md.	A.M. 1921, University of South Carolina	
Widmer, Ruth	Md.	Williams, Michele	D.C.
Wierman, Nancy Kindon	Va.	Williams, Nan B.	Pa.
Wiesenmyer, Freda Frances	Wis.	Williams, Norma Kathryn	N.A.
Wigent, John Millard	Ill.	A.B. 1942, East Carolina Teachers College	D.C.
A.B. in Ed. 1937, M.Mus. 1939, Northwestern University		Williams, Norman	Va.
Wiggins, Ronald Luther	N.Y.	Williams, Patricia Ruth	D.C.
B. of Adm. Eng. 1938, M.S. 1940, Syracuse University		Williams, Rolla Ward	Ohio
Wiggins, Thomas Arthur	Pa.	Williams, Sarah Jane	
B.S. 1942, Pennsylvania State College		A.B. 1944, The George Washington University	
Wight, William Leeds	Va.	Williams, Vincent Hunter	Va.
Wignall, Herbert	Pa.	Williams, Wilfred Stanton	Calif.
Wilamowski, Edward Joseph	D.C.	B.F.S. 1937, University of Southern California	
Wilbar, M. Margaret	Pa.	Williamson, Alta Charlotte	Va.
Wilburn, Daniel Banks	W.Va.	Williamson, Elizabeth Tuten	Va.
A.B. 1936, Shepherd State Teachers College		B.S. 1943, Winthrop College	D.C.
A.M. 1940, University of West Virginia		Willie, Dawn Eliza	D.C.
Wilcox, Jessie Elna	Va.	Willie, Earl Thomas	
Wilcox, Margaret Froya	Va.	A.B. 1931, Washington College	
Wilcox, Robert Lynn, Jr.	D.C.	A.M. 1936, Columbia University	N.C.
Wilder, Jessie Lee	Fla.	Willis, Elma B.	La.
A.B. 1935, Florida State College for Women		Willis, Ethel Jackson	Calif.
A.M. 1939, University of Michigan		Willis, Harry Everett	
Wildman, Dorothy Elizabeth	D.C.	Willis, John William	
Wile, Carolyn Ruth	Ohio	A.B. 1934, University of California at Los Angeles	
Wiley, Belle Hayes	Pa.	LL.B. 1937, University of Southern California	Pa.
B.S. in Ed. 1935, Pennsylvania State Teachers College		Wilsbach, Pauline Stephanie	D.C.
Wiley, Elkanah David	N.Y.	Wilson, Andrew John	Md.
LL.B. 1935, Albany Law School		Wilson, Betty Lee	Miss.
Wilimek, Fred Donald	D.C.	Wilson, Charles C.	Mass.
Wilk, Lillian E.	Ill.	B.S. 1934, University of Illinois	
Wilkerson, Bertha Chambers	D.C.	Wilson, Christine Shearer	
Wilkerson, Henrietta May	Va.		
Wilkins, Katherine Gene	Va.		

Wilson, Christopher Bernard	D.C.	Wolf, Dorothy Lee	D.C.
Wilson, David Jay	Utah	Wolf, Margaret May	D.C.
B.S. 1943, Brigham Young University		Wolf, Verna Ruth	D.C.
Wilson, Edward Detwiler	Pa.	Wolffand, David	N.Y.
B.S. 1936, University of Pennsylvania		B.F.E. 1943, College of the City of New York	
Wilson, Eleanor J. Glasgow	Minn.	Wolfe, Elvira Merrill	Ga.
Wilson, Frances Elizabeth	Ill.	Wolfe, Jean A.	Ohio
Wilson, Fredrick Griawold	D.C.	Wolfe, Margaret Mary	N.Y.
Wilson, Joseph Francis	N.J.	A.B. 1941, St. Joseph's College	
B.S. 1937, St. Peter's College		Wolfe, Mary Lou	Nebr.
Wilson, Mary Anne	D.C.	Woffenson, Jay Warren	D.C.
Wilson, Maryan	D.C.	Wofford, Eleanor	D.C.
Wilson, Myron K.	N.Y.	Wolpoff, Millicent Louise	D.C.
B.S. 1928, New York University		Womack, Jacqueline M.	Va.
L.L.B. 1931, Harvard University		Womack, Norman Lynn	Md.
Wilson, Otis Dwight, Jr.	Va.	Womack, Sara Catherine	N.D.
A.B. 1942, The George Washington University		Wong, Wing	N.H.
Wilson, Robert Raymond	Kans.	Woo, Joseph Clarence, Jr.	Calif.
Wilson, Thomas Ashborn	D.C.	Wood, Clayton Edward	D.C.
A.B. 1942, The George Washington University		A.B. 1942, American University	
Wilson, Thomas Moser	D.C.	Wood, Cora B.	Ky.
Wilson, Viola Marie	N.C.	Wood, Edwin Charles	D.C.
Wilson, Virginia	Md.	Wood, Fontella	Va.
Wilson, William Russell	Kans.	Wood, Gloria Evelyn	D.C.
Wimberley, Dorothy Estes	Va.	Wood, Gwendolynn Joyce	D.C.
Wimberley, Mary Alice	D.C.	Wood, Mary Martha	Conn.
Winkley, Robert G.	Md.	Woodall, Margaret Johnston	Ala.
Wine, Sarah	Mass.	Woodbury, Virginia Ann	N.M.
Wines, Judson James	Fla.	Woodcock, Fred Corle	D.C.
Winfrey, Nancy Louise	Va.	Woodland, Eva May	D.C.
Winfrey, Richard Moody	Va.	Woodline, Francis Albert	Pa.
Winger, Audrey Doris	Wis.	Woodrow, Cicely deGraffenried	D.C.
A.B. 1942, University of Wisconsin		Woods, Evelyn Julia	Mo.
Wingo, Harold Edward	D.C.	Woods, Russell Marshall	Va.
Wingrove, Donovan Marshall	Va.	Woods, Sarah Elizabeth	Md.
Winship, Dale Echols	Mass.	Woodward, Edith Stephens	Kans.
A.B. 1938, Maryville College		Woodward, Ernest Burton	D.C.
A.M. 1942, University of North Carolina		B.S. 1929, Kansas State College	
Winston, Dauma	D.C.	Woodward, Mary Emily	Fla.
Winter, Helen A.	D.C.	Woodard, Lula Freer	D.C.
Wise, George R.	D.C.	Wooler, Gus Nick	N.C.
Wise, Matthew Montgomery	D.C.	Woolley, Marion Emma	D.C.
A.B. 1944, The George Washington University		Wootton, Helen Virginia	D.C.
Wise, William Simpson	D.C.	Worden, Clee Oakley, Jr.	Md.
Wiseman, Parker Cummings	D.C.	Worden, Maryanne	Ind.
Wisnaker, Eugene Morgan	Va.	Workman, Elenor T.	D.C.
Wisher, Helen	Pa.	Workman, Margery Ann	D.C.
A.B. 1929, Ursinus College		Woronoff, Rhoda	D.C.
A.M. 1937, Pennsylvania State College		Worsham, Margaret Mackey	Va.
Wisser, Sara Elvira	Pa.	Worthington, Elaine Roberta	D.C.
Withers, Jacqueline	D.C.	Worthington, Phyllis Lee	Md.
Withers, Mabel Ruth	D.C.	Worthington, Rebecca Harmon	Va.
Withers, Mary McLaughlin	Va.	Wraight, A. Joseph	Mo.
Withers, William Hoyt	D.C.	A.B. 1939, M.S. 1941, University of Washington	
Wither, Doris Irene	N.Y.	Wrany, Irene Lelia	Okla.
Witmus, Ronald Gordon	Va.	B.S. 1939, Central State College, Okla.	
Witschube, Ruth E.	N.Y.	Wrany, Mary Eula	Okla.
Woad, Bella	D.C.	A.B. 1936, B.M.E. 1938, Central State College, Okla.	
B.S. 1935, Temple University		A.M. 1941, Columbia University	
Wodjka, Baila F.	Ill.	Wrather, Catherine Morgan	D.C.
Wodinsky, Isidore	D.C.	Wray, Dora Margaret	W.Va.
A.B. 1939, Brooklyn College		Wrenn, Thomas Randall	Va.
Wofford, Joseph H.	Va.	A.B. 1944, University of Richmond	
Wogman, Marilyn June	Md.	Wright, Berkeley	D.C.
Woidke, Jean Elizabeth	D.C.	Wright, Earline Bates	Tenn.
Wojan, Alice Ann	D.C.	Wright, Edna Lee	D.C.
Wolf, Arthur Ira	D.C.	Wright, George Wellons	Va.

Wright, Helen Duckson A.B. 1944, The George Washington University	Va.	Young, Llewellyn Anker B.S. in E.E. 1938, University of Nevada	D.C.
Wright, James Howard	D.C.	Young, Mary Ring	Md.
Wright, John M. A.B. 1938, Wabash College	D.C.	Young, Naomi	W.Va.
Wright, Ruth Elva	D.C.	Young, Norma Elizabeth	D.C.
Wright, Vivian Bell	D.C.	Young, Regina M.	D.C.
Wu, Hellen Elaine	Wis.	B.S. 1920, Ohio State University	D.C.
Wyatt, Eugenia Inez	D.C.	Young, Robert Allen	Va.
Wyble, Agnes Mary	D.C.	Young, Roberta M.	Mont.
Wyble, Keith Donald	Mich.	Youngblood, Rubye Olson	
Wydra, Miriam A.B. 1941, The George Washington University	N.Y.	A.B. 1942, The George Washington University	
Wydro, Margaret McDowell	D.C.	Youngblood, William Caswell	Ill.
Wynne, Eleanor Gertrude	Mass.	Youngwirth, William George	N.Y.
Wynne, James F.	Mass.	Yowell, Eunice Inez	D.C.
Wynngate, Ann Elizabeth	Okla.	Yowell, William Bruce, Jr.	D.C.
	X	B.S. 1942, University of Maryland	D.C.
Xanders, Gladys Irene	Iowa	Yu, Pei Cheh	D.C.
	Y	Yu, Tso Min	D.C.
Yach, Martha Helen	Va.	Yu, Virginia C.	D.C.
Yacobiaster, Fred Charles	Pa.	Yuan, Irene Hsing-nie A.B. 1940, St. John's University of Shanghai	D.C.
Yahner, Philip Anthony	Pa.		Z
Yamamoto, Gladys Arakawa Ed B. 1915, University of Hawaii	T.H.	Zachary, Richard Eugene	D.C.
Yamamoto, Kenneth	D.C.	Zafra, Eugenio Alfredo	D.C.
Yamase, Tsuneo Tom	Calif.	Zahniser, Robert Lloyd	Va.
Yambur, John Florian	D.C.	Zahradnik, John Joseph A.B. 1939, University of Kansas	Kans.
Yamella, Anthony	D.C.	Zalog, Anne Marie	D.C.
Yao, Shao Yung	D.C.	Zaloph, Byron	D.C.
Yates, George Thomas	D.C.	Zambrano, Francisco	N.D.
Yates, Richard Anthony	Md.	Zappas, Marjorie Ethel	N.J.
Yeager, Ada May B.S. 1943, South Dakota State College of Agriculture and Mechanic Arts	S.D.	Zarling, Beverly Irene	Conn.
Yeager, Sheffie Jonas	D.C.	Zarrilli, Kenneth Frederick	Pa.
Yekta, Fary	D.C.	Zeidman, Robert A.B. 1918, Carnegie Institute of Technology	Coh.
Yen, Hilda Ya-tsing A.B. 1930, Yale in China	China	Zeigler, Ruth Loree	
Yerion, Lee Roy, Jr.	D.C.	B.F.A. 1939, University of Colorado	
Yoas, Stephen Elmer, Jr.	D.C.	A.M. 1940, State University of Iowa	W.
Yobst, Vivian Marie	D.C.	Zelazo, Helen	N.J.
Yocum, Earl Phares B.S. 1915, State Teachers College, East Stroudsburg, Pa.	Pa.	Zelazo, Nathaniel K. B.S. 1940, College of the City of New York	D.C.
Yoder, Mary Belle	Mich.	Zeller, William Webb A.B. 1942, The George Washington University	D.C.
Yood, Bertram B.S. 1938, Yale University	N.J.	Zemanovic, Sophie Molly	D.C.
M.S. 1949, California Institute of Technology		Zeno, Luis Antonio	D.C.
Yood, Shirley S.	N.J.	Zeskind, Thelma J.	Mont.
Yorkdale, Elizabeth Wilke	D.C.	Zibulka, Edith Louise	Tenn.
Yost, Charles Francis	Pa.	Ziehe, Melitta Pauline	W.
Yost, Margarite Rosemary	D.C.	Ziehl, Wilbur Henry	Ill.
Younes, William Gabriel	D.C.	Zierjack, Carol Margaret	Md.
Young, Barbara Arnold	Md.	Zimmer, David Joseph	D.C.
Young, Celia Woolever	Mich.	Zimmerman, Joe Adlai A.B. 1942, Westminster College	D.C.
Young, Cheng-Pang B.S. 1916, National Tsing Hua University	D.C.	Zimmerman, Lorenz Eugene	
Young, Fred Johnson A.B. 1937, Maryville College	Tenn.	A.B. 1942, The George Washington University	
Young, George Wentworth A.B. 1941, Colby College	N.Y.	Zimmerman, William III	N.Y.
Young, Ina Marie	D.C.	Zimardo, Folvio Tulio	Pa.
Young, Isabella Frances A.B. 1912, The George Washington University	D.C.	Zinkle, Pauline	Fla.
		B.A.E. 1940, University of Florida	D.C.
		Zirkle, Elizabeth Marion	D.C.
		Zlotnick, Helga	D.C.
		Zobel, Frieda	D.C.



*Students Registered*

395

Zolyak, Mushana D. Balkanska  
 Zorzy, John  
 Zott, Helen Arlene  
 Zuccarelli, Andrew Jensen  
 Zuccarini, Laurina Cecelia  
 Zucker, Morton David  
 Zuera, Margaret Mary

D.C. Zuesman, Marjorie Marta  
 Mass. Zugel, Mary Jean Edna  
 D.C. Zuiderveen, Lawrence George  
 Ill. A.B. 1937, Calvin College  
 Pa. M.S.C. 1942, Denver University  
 N.Y. Zulieve, Adele Esther  
 Wis. Zuraski, Helen Marie

Pa.  
 D.C.  
 Colo.  
 Mass.  
 Pa.

## DIVISION OF EXTENSION

1944-45

### STAFF OF INSTRUCTION

Bauserman, James Edward, B.S., *Instructor in Educational and Vocational Guidance and in Problems of Child Growth and Development*  
 Chapman, Frank Miller, Ph.D., *Instructor in Semantics*  
 Chu, Phyllis Shu-Yuan Teng, A.B., *Instructor in Chinese*  
 Ehlers, Joseph Henry, *Instructor in Japanese Geography and in Chinese Geography and Resources*  
 Eldridge, Frank Reed, Lt. Comdr., U.S.C.G., *Instructor in Japanese and in Chinese History and Commerce*  
 Eldridge, Kathleen Adams, *Instructor in Japanese*  
 Gantt, John Francis, *Instructor in Aviation*  
 Hall, Sidney Bartlett, A.M., Ed.D., LL.D., *Instructor in Problems of Child Growth and Development and in Educational and Vocational Guidance*  
 Headlee, Charles Raymond, A.M., M.D., *Instructor in Human Relations*  
 Jarman, Burnice Herman, A.M., Ed.D., *Instructor in Problems of Child Growth and Development and in Instructional Problems*  
 Maciulla, Mary Rosina, A.B., *Instructor in Intermediate Algebra and Plane Geometry*  
 Nason, William Frank, *Instructor in Japanese*  
 Paraskevas, John Emmanuel, *Instructor in Modern Greek*  
 Pease, Sallie Monica, A.B., *Instructor in Personality Development and in Dictionary Use*  
 Preveden, Francis Ralph, Ph.D., *Instructor in Cryptanalysis and Russian*  
 Shneiderov, Anatol James, C.E., M.M.E., B.E.E., *Instructor in Russian*  
 Thomas, Florence Hall, A.B., *Instructor in English*

### STUDENTS REGISTERED

A	B
Achison, Ami	Baird, Irene
Adams, Adele Gertrude	Baltas, Lucia George
Akers, John Kilbane	Bandemer, Irene
Aleero, Esther	Banks, Thomas Gray, Jr.
Allebach, Nettie Jane	Barnes, Jean C.
Altman, Ralph	Barrington, Wiley Lee
Altmann, Mary Regina	Bean, Marjorie F.
Anderson, Charles Leonard	Beck, Jane D.
Anderson, Mildred Doris	Beckner, Meta Schroeder
Apple, John Martin	Benson, Clara E.
Apple, Pauline Addie	Benson, Virginia B.
Armstrong, Dicie	Bentley, Brooks D.
Arndt, Christian O.	Berger, Carrie Mobley
Arouso, Inez B. G.	Berk, Esther Schilian
Arsholaush, Jacob David	Besley, Elma
Asch, Genevieve Iris	Bjorkman, Evelyn Josephine
Ashley, Louise	Blackburn, Richard Adair
August, Frank Joseph	Blasagame, Paul

Blum, Dorothea Jeanette  
 Bolen, Frances Gertrude  
 Bolnick, Ann  
 Bond, Marion Jean  
 Bonton, Kathleene  
 Booth, Howard  
 Booth, Jennie E.  
 Bosse, Tatianna  
 Broker, Ann Ethel  
 Brown, Ernest Joseph  
 Brown, William Fuller, Jr.  
 Brumbaugh, Irene  
 Buchberg, Arthur  
 Buckley, Gladys P.  
 Bullard, Nurlee Pauline  
 Burkart, Ward Miller  
 Burson, Freda Florence  
 Burton, Arline Elverda  
 Bussard, Edna Claire

## C

Callan, Mary Louise  
 Cameron, Margaret Lillian  
 Campbell, Mary D.  
 Capasso, Alfred Anthony  
 Carmack, M. Lucile  
 Carpenter, Ivan  
 Carpenter, Josephine Stipe  
 Carr, Frank Edward, Jr.  
 Chaconas, Evangeline  
 Chandler, James G.  
 Chapman, James William  
 Chapman, Mable Underwood  
 Chenoweth, Mary Ann  
 Chiorazzi, Josephine Ann  
 Christie, Thomas Hervie  
 Cihacek, Hermina  
 Cihacek, Mary Anne  
 Clary, Mary  
 Cleary, Joseph George  
 Cloud, Dorothy Ball  
 Cobb, Kenneth  
 Cobb, Louise H.  
 Coben, Vivien Alice  
 Coc, Adelaide Emma  
 Coe, Robert Stanley  
 Cohn, Anita Yount  
 Corcoran, Ellen Fox  
 Cosgrove, Thomas Edward  
 Coulson, Rhoda McPherson  
 Courembis, Dolly  
 Cox, Jane Marie  
 Creel, Phyllis  
 Crooks, Hattie Marguerite  
 Cullings, Caroline

## D

Dart, Albert L.  
 Davidson, Sidney  
 Davis, Charlotte  
 Davis, Dudley Diggs  
 Davis, Hazel Smith  
 Day, Emmett M.  
 Deale, Valentine B.  
 Delworth, Lee James  
 Demas, Nick Stephen  
 Deming, Harry  
 Dennis, William Merrill  
 Deverill, Herbert Spencer  
 Devron, Erwin Howard  
 Dik, Elsa Lilly  
 Disbrow, Natalie Jarboe  
 Dobie, Helen Bissell  
 Dodge, Ysidora Elizabeth  
 Dodson, Alice Lewis  
 Dominy, Alice C.  
 Dortzback, Fred  
 Doty, Clark Kilgore  
 Dowley, Francis  
 Dowling, Walter J.  
 Driscoll, Carolyn Gill  
 Dubin, Wilbert Berhard  
 Duncan, John Hiram  
 Duncan, Mary William  
 Duncan, Peggy Elizabeth  
 Dunkum, Ruby  
 Dunlap, Menis Eugene

## E

Eberhart, Elizabeth Stone  
 Eden, Arthur  
 Edie, Mayme Viola  
 Elliott, Helen E.  
 Elliott, Robert S.  
 Elsea, Andrew B.  
 Engleman, Rebecca Katherine  
 Evans, Janet  
 Evans, William Harrington

## F

Fanning, Mary Joan  
 Fearey, Robert Appleton  
 Ferguson, Edith May  
 Fiedler, Reginald Hobson  
 Fink, Grace E.  
 Finkle, Earl  
 Fitzpatrick, June  
 Fitzsimmons, Ruth Evelyn  
 Fletcher, Elsie Tompkins  
 Foltz, Louise  
 Ford, Fred Langley



Fournier, Roland M.  
 Frank, Clay Farrar  
 Freeman, James L.  
 Friauf, Helen Cox  
 Fryer, Monica Saida  
 Furman, Laura Morris

## G

Gallant, Charles  
 Gardner, Gladys Hancock  
 Gates, Doris S.  
 Gates, Valentine  
 Gelernter, Frances Maria  
 Gilbarg, David  
 Ginnaty, John R.  
 Glass, Norman P.  
 Grant, Donald Henry  
 Grant, Isabella Horton  
 Grant, Margaret Lenore  
 Green, Mary Blake  
 Griffiths, Alice Elizabeth  
 Grodsky, Ben  
 Guinther, Ralph Thomas  
 Gunn, Julia Covington  
 Gutshall, Josephine E.

## H

Hadden, Rosemary  
 Hahn, Helen Wilhelmina  
 Hall, George Clarence  
 Hall, Louise McGwigan  
 Hallenbeck, Jane Elliott  
 Halper, Jacob Nathan  
 Halsey, Abigail F.  
 Hamilton, John Newcomb  
 Hamm, Louis George  
 Hammett, Mary Ann  
 Hanes, James Brown  
 Hardy, Marcellite Edwards  
 Harmon, Blythe H.  
 Harris, Victoria Pryor  
 Harrison, Clara Louise  
 Hatfield, Gladys M.  
 Heiss, Anna Frances  
 Helton, Marjorie D.  
 Henke, Mary Isabel  
 Hess, Amelia W.  
 Higashi, Helen  
 Hill, Flora Lillian  
 Hill, Helen D.  
 Hilton, Howard Judd  
 Hilton, Juanita  
 Hlohinec, Margaret L.  
 Hobbs, Mae  
 Holmes, Jonnie Slough

Holovach, Anna A.  
 Hoopes, Owen Dean  
 Hoover, James Dawson  
 Horn, Julia M.  
 Horton, Nancy Phyllis  
 Hubler, Gladys Evelyn  
 Hudson, Elaine Susan  
 Hurdis, Elsie Cushing  
 Hurdis, Sara Briden  
 Hutchins, Eroll Alma  
 Hutson, Eugene C.

## I

Inman, Peggy Duncan  
 Inman, William Ulrich  
 Inmon, Dorothy  
 Inzeo, Marie Catherine

## J

Jackson, Pauline  
 James, J. Frank  
 Jamison, John Ambler  
 Jarrell, Henry (Mrs.)  
 Jett, Laura  
 Jewett, Raymond Lee  
 Johnson, Victor Joseph  
 Johnston, Henry D.  
 Jones, Harold H.  
 Jones, Thomas Owen  
 Joseph, Pearl  
 Jouard, Anne

## K

Karazikas, Helen Pericles  
 Kasey, Margaret E.  
 Kassoff, Arthur Irving  
 Katz, Sara C.  
 Kavalier, Frank James  
 Kemp, Fletcher  
 Kemp, Shirley Ann  
 Keough, Bernard Edward  
 Kerr, Howard Earl  
 Kessler, Dorothy M.  
 Keys, Zella C.  
 Keyser, Madeline Leavell  
 King, Myrtle E.  
 Knight, Mary Lamar  
 Knipe, James Launcelot  
 Knispel, Ruth Agnes  
 Kofsevich, Anna Koustoutin  
 Kozak, Olga C.  
 Kraeski, Robert Michael  
 Krafft, Catherine Elizabeth  
 Krauskopf, Kathryn M.

Krehbiel, Anna Maye Rector  
Kremmel, Dorothy Ann  
Kurzer, Julia H.

## L

Lacey, Lorene Brandt  
Landes, Alice K.  
Langslow, Gertrude Vivian  
Langston, John Donald  
Lawler, Nellie Mae  
Lawson, Dorcas E.  
Lee, Alice  
Lee, Mary  
Lee, M. H. Robert  
LeGallais, Elizabeth B.  
Lester, Virginia Elizabeth  
Leverson, Rohma-Gertrude  
Lew, Daniel H.  
Li, P. C.  
Lieblich, Lenore Dian  
Lindemann, Margaret  
Linscott, Laura  
Little, John Dutton  
Little, Mary Lou  
Livingstone, Earl Leslie  
Loomis, Vader Madison  
Lou, Che Ugan  
Lound, Esther Marie Katherine  
Lucas, Doris Smith  
Ludwig, Margaret I.  
Lukashewich, Olga

## M

MacKanzie, Robert Earl  
Madaris, Sybil  
Maddox, Maurine  
Maley, Lillian Weaver  
Manuel, Glenn Herbert  
Manwell, William  
Marcus, Sybil  
Martin, Alma  
Masseletti, Lillie  
Mastromichalis, Hippocrates  
Mateer, Thelma O.  
Mayberry, Margaret Emma  
Maynard, Eileen Anne  
McBroom, Gertrude Turpin  
McCarthy, Margaret Marie  
McDiormid, Dorothy Shoemaker  
McDonald, Allister  
McDonald, J. Elisabeth  
McGilluray, Helen Yvette  
Mercer, Margaret Esther  
Mergler, Clara E.  
Mesa, Octavio Leon  
Michelson, Elizabeth G.

Millard, Louise  
Miller, Anna Sarah  
Miller, Bertha Bernice  
Miller, Francis Fay  
Miller, Lloyd Dean  
Miller, Mildred M.  
Miller, Vivian Rowene  
Mischanko, Tatiana  
Mitchell, Margaret H.  
Moldenhauer, Samuel  
Moore, Calvin Northrup  
Moore, Donne O'Dell  
Moree, James Harrison  
Morgan, Billie  
Morin, Mary Anne  
Moy, Virginia  
Murphy, Sallie Mae

## N

Neitzey, Anne Rinker  
Netzlau, Rosalie Ellen  
Newland, Mary Lynn  
Newton, Donald Alan  
Noble, Levi F.  
Nock, Betty Jean

## O

O'Brien, Evelyn Virginia  
O'Brien, Harry W.  
O'Connor, Katherine R.  
Odomirik, Walter  
Oliver, Gertrude Chesley  
Orth, Harriet Ann

## P

Pace, Martha Eleanor  
Paroni, Teresa Cecelia  
Paukovits, Frank Cyrus  
Pavlovich, Sergei Stephen  
Peacock, Wanda Hope  
Perrell, Alta Madeline  
Petrovic, Stella  
Philpitt, Blanche Williss  
Pickerell, Albert George  
Pittman, Geneva S.  
Platt, Louise B.  
Potts, Ethel R.  
Prestwich, Nell Edith  
Pyles, Harry Ruthvin

## Q

Quigg, Helen

## R

Rabinovich, Jacob  
Rates, Anne

Redd, Margaret Claire  
 Reed, M. Elizabeth  
 Remer, Alice Winter  
 Reynolds, Ruth Elizabeth  
 Rhodes, Paulita Mae  
 Richardson, William Albert  
 Rinehart, Anna Frances  
 Rinstand, Almeda  
 Rizzo, Frank  
 Robbins, Walter Lewis  
 Roberts, Maude McMurray  
 Robertson, Purcel M.  
 Robison, Clara Belle  
 Robuck, Rosanna Jane  
 Rock, Donald Hill  
 Rockwell, Franklin  
 Roper, Mary G.  
 Roper, Virginia Lucille  
 Rosenthal, Rose Mary  
 Rouillard, Ruth Kadel  
 Royston, Ruth

## S

Saavedra, Pedro D.  
 Samuel, Louise Nyland  
 Sanford, Muriel Ruth  
 Savell, Leon Morton  
 Schau, Elizabeth C.  
 Schlesinger, Charlotte Elizabeth  
 Schlesinger, Julie  
 Schreiner, Margaret A.  
 Schwartz, Benjamin I.  
 Scott, Charles Preston  
 Scott, Helen Bonnell  
 Seeger, Suzanne  
 Seiler, Norma Jean  
 Shank, Catherine  
 Shaw, Robert Wallace  
 Shawkey, Arthur Alan  
 Shen, Marie Louise  
 Shivers, Fanita Hollomon  
 Shotwell, Mary Stewart  
 Silverman, Arline Shirley  
 Simunds, John Robert  
 Sipes, Osca F.  
 Sisman, Bella  
 Skott, Kathryn Olga  
 Smith, Charles J.  
 Smith, Frances Elizabeth  
 Smith, Linore Madeline  
 Smith, Madeline M.  
 Smith, Nancy Rebecca  
 Snodgrass, Audrey M.  
 Snodgrass, Lydia Belle  
 Soupouras, Doris Zenon

Spada, Aldo Frank  
 Spear, Sylvia  
 Spencer, Jessie Moore  
 Spindle, A. Mildred  
 Stacy, Mary  
 Stevens, Elizabeth W.  
 Stidley, June Estelle  
 Still, Mary Helen  
 Stinson, Louise Maxey  
 Stites, Ruby  
 Stover, Helen J.  
 Strader, Eloise Correll  
 Straus, Susan  
 Sunday, Irene  
 Sutherland, Katie  
 Swan, Edwin Franklin  
 Sweeny, Virginia E.  
 Sweer, John Henry  
 Swift, Dorothy Rowland  
 Swope, Lottie C.

## T

Tack, Madeleine Kathryn  
 Talbert, Kathleen D.  
 Tamaki, Shigeko  
 Tanaka, Chester Gary  
 Taragos, Eileen  
 Tarason, Helen  
 Tatakis, Anna  
 Tate, Marjorie B.  
 Taylor, Reuben Albion  
 Taylor, Stella  
 Thomas, Hazel  
 Thompson, Margaret Madeline  
 Thompson, Thelma Kennedy  
 Thornhill, Alec Frank  
 Tolley, Nellie Connor  
 Tom, Lily Sarah  
 Tomb, Helen Katherine  
 Troth, Annie  
 Trower, Oscar Claud  
 Tsimbidards, George  
 Tucci, Mary Grace  
 Turbitt, Ann Cecile  
 Turner, Geneva Dye

## U

Untient, Frederick Henry

## V

Vachon, Florentia  
 Van Staveren, Johanna B.  
 Van Uliet, Leslie  
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Velasco, J. Manuel  
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**W**

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## DEPARTMENT OF DEFENSE COURSES 1944-45

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## C

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## D

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Dragun, John J.  
Drake, John Lester  
Drutowski, Richard

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Edson, Leo Stanley  
Egan, John Joseph  
Ehrhardt, Albert Philip  
Eisner, Jerome  
Elliott, Clifford Lincoln  
Englander, Rose Ruth  
Engleby, George Bennett  
English, Edward H.

Eselby, Mary S.  
Everett, George E.

## F

Fachule, Marie K.  
Fantine, Gus Cosmo  
Farrall, Clarence  
Farrelly, Raymond Totten  
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Feingold, Eleanor  
Ferguson, Frederick Kilby  
Ferrara, Frances  
Ferrara, Vincy Josephine  
Ferris, Harold  
Ferry, Robert  
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Fischer, Alfred W.  
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Fisher, Phyllis A.  
Fishow, Morris  
Fixman, Gordon  
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Flyer, Gerald  
Flynn, John Joseph  
Flynn, Michael Gerald  
Fogle, Carl Weaver  
Foley, Nelson D.  
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Foreman, Carl Dotterer  
Fosler, Constance Louise  
Foster, Charles Manning  
Foulger, Sid W.  
Francis, M. Ernestine  
Frank, Arnold Roy  
Frant, Julia A.  
Fraser, Donald S.  
Frasier, Otie  
Fredericksen, Laura Ambler  
Freeman, Aileen Helen  
French, Roseoe  
Friedman, Mollie  
Frye, Thomas D.  
Fuchs, Harry Leslie  
Fujita, Allen H.  
Furman, Henry J.

## G

Gail, George W.  
Gaines, Charles Carrington  
Gaylord, Russell Elroy  
Giaino, Edward C.

Gill, Robert J.  
 Ginsberg, Nathaniel M.  
 Girard, Roselle M.  
 Gleason, Horatio S.  
 Glick, Milton Henry  
 Glines, Arthur Bryant  
 Goepfinger, Albert L.  
 Gold, David  
 Goldberg, Benjamin  
 Goldman, Edwin  
 Good, Merle Elnora  
 Goodfriend, Vera J.  
 Graffius, Ralph Duane  
 Graham, Neil Ferguson  
 Grant, Francis R.  
 Greene, Abram Elsworth  
 Greisman, Gertrude E.  
 Grounds, Donald Jack  
 Grove, Edward Joseph  
 Grunwald, Robert F.  
 Guillou, Yves Francois  
 Gurney, F. Taylor

## H

Haddox, Ted P.  
 Hagan, John Francis  
 Hagedorn, William Peter  
 Hagerla, Loren Henry  
 Hagio, Ikunosuke  
 Hall, Vernia Elizabeth  
 Hall-Warneke, Priscilla A.  
 Halley, Edward Mayberry  
 Halvorsen, Ralph A.  
 Hammond, Lowell Franklin  
 Han, Tiauw Kie  
 Hanley, Thure Emil  
 Hanlon, Paul J.  
 Hannan, Walter Harrison  
 Hannema, Dirk P.  
 Hansel, Arthur James  
 Harrington, Lucelia C.  
 Harris, Bertha F.  
 Hartbarger, Oro V.  
 Hartman, Eugene Victor  
 Hartung, Walter M.  
 Hartzell, Herschell H.  
 Harwood, Elizabeth S.  
 Hatsell, Carl Alfred  
 Hauschildt, Maurice Richard  
 Havens, Bertha A.  
 Hawes, Paul Thomas  
 Hays, Marie F.  
 Hedges, Lewis Charles  
 Helsper, Charles Henry  
 Hendricks, Harold Edwin

Henneberger, C. M.  
 Herdman, Donald Floyd  
 Hering, Harold  
 Hernandez, Carlos Juan  
 Herold, Robert Herman  
 Hess, Orace Herman  
 Hessing, Harold  
 Hibbs, Joseph Henry  
 Higdon, Robert V.  
 Higgins, Winifred Haines  
 Hildebrand, Pauline L.  
 Hobelman, Charles George  
 Hoffman, Darwin  
 Hollingsworth, Samuel D.  
 Hollon, Joseph Burke  
 Hollweck, Frank Joseph  
 Holy, William E.  
 Horman, William Emry  
 Hosford, James Wilson  
 Hosford, Mildred C.  
 Houck, Doan Ralston  
 Hovermill, Melvin Henry  
 Howard, Robert Anderson  
 Hruska, Leo George  
 Huff, Lymon C.  
 Hufferd, Margery Simpson  
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 Hughes, Elizabeth Joan  
 Huhn, Leroy Charles  
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 Hurd, Ernest Linwood, Jr.

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Isaacson, Samuel Jordan

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Jabson, Victor Carl  
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 Jarvis, Charles  
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 Jenkins, Laura Virginia  
 Johnson, Violetta Lee  
 Johnson, Wallace Edward  
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 Jones, George  
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 Jordan, Frank Charles

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Kallmann, George T.  
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 Kindle, Howard Clinton  
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 King, Helen Irene  
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 Kiwak, Anna  
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 Knight, Janet  
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 Korvick, Joseph Edwin  
 Kotalik, Bernard Francis  
 Krasnow, Shelley  
 Kraut, Herman  
 Kremer, Ralph Martin  
 Krucoff, Darwin  
 Ksanda, Charles Fernand  
 Kuhne, Edwin Joseph  
 Kulberg, Leslie E.

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 Levine, Boris  
 Levine, Harry  
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 Miller, David Samuel  
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 Miller, Fred Bee  
 Miller, Gustave  
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 Norling, Oscar De Loss  
 Norman, John Hugh  
 Nunes Dias, Frederico Josetti

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 Prassen, Jessie Irma  
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 Richey, Joseph L.  
 Riley, Ethl  
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 Ringel, Abraham Sumer  
 Risman, Louis  
 Ritnour, Luther Clifton  
 Robertson, Albion L.

Robinson, Hugh Stuart  
Robinson, Richard Thomas  
Rockwood, William F.  
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Rogers, William Milton  
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Rolls, Samuel Thomas  
Rolloff, Renee B.  
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Rudasill, LeRoy  
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Runyan, Iva Noel  
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## S

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Sargent, Robert Strong  
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Sullivan, Carl Emery, Jr.  
 Sullivan, Paul H.  
 Sunde, Harold E.  
 Swanson, B. Mildred  
 Swanson, Frank Albert

## T

Taliaferro, James Monroe  
 Tanenbaum, Joseph  
 Tasso, Francis Joseph  
 Taylor, Carl Madison  
 Thoma, Frank, Jr.  
 Thomas, Howell Garrone, Jr.  
 Thomas, William John III  
 Thomasian, Aram J.  
 Thomason, Bruner R.  
 Thompson, Mary P.  
 Titus, James Setmore  
 Tolbert, Lucie G.  
 Tomlin, George Oliver  
 Tonjes, Victor H.  
 Tornello, Merie L.  
 Toricelli, Vivian  
 Towey, James M.  
 Trainer, Robert F.  
 Trenkle, Robert A.  
 Trigg, Ralph S.  
 Trimble, Harold Jackson  
 Trusheim, Harry Allen  
 Turgeon, Emile Henry

## U

Undersood, Raymond

## V

Vaccaro, Joseph  
 Van Amburgh, Norman  
 Van Fleet, F. M.  
 Van Houten, Mary J.  
 Van Riper, Linley S.  
 Veasman, Frank Kenneth  
 Vito, Minnie

## W

Wagner, Lawrence Frederick  
 Waldron, Howard H.  
 Wallick, George C.  
 Walther, John William  
 Wambold, Clair Vernon  
 Ward, Gilbert Hoffman  
 Warner, Calvin Saunderson  
 Warren, James Thomas

Warriner, Clifford Harry  
 Watson, Bernard A.  
 Weaver, Frank D.  
 Webb, Charles Weldon  
 Weber, Edward Francis  
 Weiss, Milton Bela  
 Wellman, Walter Jay  
 Wells, Lola Margaret  
 Welsh, E. S.  
 Wenz, Gordon M.  
 Werline, Wilbur Albert  
 Wexder, Arnold  
 Wheaton, Winifred Agnes  
 Wheeler, Mary Starr  
 Wheeler, Paul Stephen  
 Wheeler, William Alson  
 Whetstone, George Michael  
 White, Clifford Charles  
 White, Hubert C.  
 White, William C.  
 Wieland, John A.  
 Wilbur, Sinclair Francis  
 Wilimek, Fred Donald  
 Wilkes, Gilbert  
 Williams, James A.  
 Williams, John Michael  
 Williams, William Thomas  
 Williford, Charles T.  
 Winslow, Allen G.  
 Winterhak, William Edward  
 Winthrop, Eugene  
 Woal, Sam Theodore  
 Wohl, Robert J.  
 Wonsever, David  
 Woolley, DeGraffenried  
 Workman, Roland Joseph  
 Wyatt, Walter Gates, Jr.

## Y

Yeiser, Mary Belle  
 Yoast, Clyde W.  
 Young, Clinton V.  
 Young, Elsie May  
 Young, Mary Hooper

## Z

Zaslavsky, Sam  
 Zaun, John Henry  
 Zeig, Julian J.  
 Zeitlin, Morris Michael  
 Zibritosky, George  
 Zimmerman, Jimmie L.  
 Zirm, Rudolph R.

# SUMMARY OF REGISTRATION

1944-45

	<i>Men</i>	<i>Women</i>	<i>Total</i>
<b>THE JUNIOR COLLEGE</b>			
Freshmen .....	284	1,149	1,433
Sophomores .....	221	425	646
	505	1,574	2,079
<b>COLUMBIAN COLLEGE</b>			
Juniors .....	79	172	251
Seniors .....	55	120	175
Candidates for the degree of Master of Arts.....	52	69	121
Candidates for the degree of Master of Science.....	47	9	56
	233	370	603
<b>THE GRADUATE COUNCIL</b>			
Candidates for the degree of Doctor of Philosophy.....	20	9	29
<b>THE SCHOOL OF MEDICINE</b>			
First Year .....	87*	3	90
Second Year .....	73	3	76
Third Year .....	78	5	83
Fourth Year .....	66	7	73
	304	18	322
<b>THE LAW SCHOOL</b>			
First Year .....	175	67	242
Second Year .....	49	22	71
Third Year .....	21	4	25
Candidates for the degree of Master of Laws.....	30	1	31
Candidates for the degree of Doctor of Juridical Science	2	1	3
Unclassified .....	40	17	57
Special .....	5	1	6
	322	113	435
<b>THE SCHOOL OF ENGINEERING</b>			
Freshmen .....	130	7	137
Sophomores .....	39	1	40
Juniors .....	37	1	38
Seniors .....	24	1	25
	230	10	240
<b>THE SCHOOL OF PHARMACY</b>			
Juniors .....	3	4	7
Seniors .....	2	4	6
	5	8	13

\* One special student—1st year man.

	<i>Men</i>	<i>Women</i>	<i>T</i>
<b>THE SCHOOL OF EDUCATION</b>			
Juniors .....	2	63	
Seniors .....	4	32	
Candidates for the degree of Master of Arts.....	37	94	
Candidates for the degree of Doctor of Education.....	31	9	
	<u>74</u>	<u>198</u>	
<b>THE SCHOOL OF GOVERNMENT</b>			
Juniors .....	23	17	
Seniors .....	19	14	
Candidates for the degree of Master of Arts.....	41	21	
	<u>83</u>	<u>52</u>	
<b>THE DIVISION OF UNIVERSITY STUDENTS</b>			
University Students .....	1,227	1,683	2
<b>THE DIVISION OF SPECIAL STUDENTS</b>			
Special Students .....	198	227	
<b>THE DIVISION OF EXTENSION</b>			
Students registered .....	148	291	



# GEOGRAPHICAL DISTRIBUTION OF STUDENTS

<i>State</i>	<i>Number</i>		
Alabama .....	81	Oklahoma .....	43
Arizona .....	35	Oregon .....	14
Arkansas .....	53	Pennsylvania .....	378
California .....	150	Rhode Island .....	10
Colorado .....	38	South Carolina .....	21
Connecticut .....	81	South Dakota .....	14
Delaware .....	13	Tennessee .....	32
District of Columbia .....	3,931	Texas .....	127
Florida .....	83	Utah .....	16
Georgia .....	28	Vermont .....	5
Idaho .....	21	Virginia .....	927
Illinois .....	206	Washington .....	16
Indiana .....	83	West Virginia .....	81
Iowa .....	54	Wisconsin .....	55
Kansas .....	46	Wyoming .....	42
Kentucky .....	46		
Louisiana .....	17	<i>Country</i>	<i>Number</i>
Maine .....	31	Alaska .....	1
Maryland .....	629	Bolivia .....	4
Massachusetts .....	157	Brazil .....	2
Michigan .....	58	Canada .....	12
Minnesota .....	74	British Guiana .....	1
Mississippi .....	62	China .....	5
Missouri .....	100	Cuba .....	2
Montana .....	17	England .....	2
Nebraska .....	26	Greece .....	1
Nevada .....	5	Hawaii .....	6
New Hampshire .....	11	Panama .....	6
New Jersey .....	54	Puerto Rico .....	14
New Mexico .....	12	Russia .....	2
New York .....	661	Turkey .....	1
North Carolina .....	141	Venezuela .....	1
North Dakota .....	19		
Ohio .....	120	Total .....	8,984

## GENERAL SUMMARY \*

1944-45

### TEACHING STAFF

Professors Emeritus .....	
Professors .....	
Adjunct Professors .....	
Professorial Lecturers .....	
Clinical Professors .....	
Adjunct Clinical Professors .....	
Associate Professors .....	
Associate Clinical Professors .....	
Associates in the School of Medicine.....	
Assistant Professors .....	
Assistant Clinical Professors .....	
Lecturers .....	
Instructors and Instructors in Extension.....	
Clinical Instructors .....	
Research Associates .....	
Associates .....	
Fellows .....	
Assistants .....	

Total.....

### CERTIFICATES AWARDED AND DEGREES CONFERRED

Associate in Arts.....	
Bachelor of Arts.....	
Bachelor of Arts in Education.....	
Bachelor of Arts in Government.....	
Bachelor of Science.....	
Bachelor of Science in Engineering.....	
Bachelor of Civil Engineering.....	
Bachelor of Electrical Engineering.....	
Bachelor of Mechanical Engineering.....	
Bachelor of Science in Home Economics.....	
Bachelor of Science in Pharmacy.....	
Bachelor of Science in Physical Education.....	
Bachelor of Laws.....	
Junior Certificates .....	
Master of Arts.....	
Master of Arts in Education.....	
Master of Arts in Government.....	
Master of Science.....	

\* Exclusive of the Department of Defense.

† Exclusive of 46 on war leave.

*General Summary*

415

Master of Laws.....	3
Juris Doctor .....	7
Doctor of Medicine.....	75
Doctor of Education.....	2
Doctor of Philosophy.....	6
	<hr/>
	659

## GENERAL SUMMARY

Students registered, Academic Year 1944-45.....	3,201	4,215	7,416
Students registered, Summer Sessions 1944.....	1,257	1,415	2,672
	<hr/>	<hr/>	<hr/>
Total registrations, 1944-45.....	4,606	5,968	10,574
Duplicate registrations .....			1,590
Total number of students registered.....			8,984





THE GEORGE WASHINGTON UNIVERSITY  
WASHINGTON, D. C.

Report of the Comptroller

FOR THE YEAR ENDED

AUGUST 31, 1945





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King, Isabella O.	80	Woodhull	81
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## LETTER OF TRANSMITTAL

December 31, 1945

TO THE PRESIDENT AND THE BOARD OF TRUSTEES  
THE GEORGE WASHINGTON UNIVERSITY  
WASHINGTON, D. C.

GENTLEMEN:

I am submitting herewith the Report of the Comptroller of The George Washington University for the fiscal year ended August 31, 1945. This report is a review of the budget operations for the year and is based on the budget approved by the Board of Trustees of the University.

The accounts of the University are kept and its financial reports set up as far as practicable in conformance with the recommendations of the National Committee on Standard Reports for Institutions of Higher Education. Under that plan the funds of the University are classified in various fund groups, and the accounts and financial statements are set up to segregate clearly the assets and liabilities of each of these groups as indicated in the balance sheet, Exhibit A.

R. G. Rankin & Co. have examined the accounts of the University for the past year, and their report is appended herewith.

A condensed summary of the principal facts in the report is presented below and on succeeding pages, followed by detailed Exhibits and Schedules.

Respectfully submitted,  
HENRY W. HERZOG  
Comptroller



## CONDENSED SUMMARY

### CURRENT FUNDS - UNRESTRICTED

These funds represent unrestricted assets which are available for immediate use in the current operation of the University.

#### OPERATING INCOME

Operating income for the year was \$5,943,125.54 (Schedule 1).

Scholarships were awarded to students from the following sources: current funds unrestricted \$12,885.45 (Schedule 2—Page 4); endowment income \$2,185.53 (Schedule 10—Page 4).

The University continued the accelerated program to satisfy immediate war needs and the needs of the post-war future. This program provided year-round instruction on a three term basis except in the School of Engineering.

In the interest of the war effort, the University conducted 78 short engineering courses of college grade under Public Law 373, 78th Congress, 2d Session, Title II, subheading "Education and Training, Defense Workers (National Defense)", to provide training for properly qualified trainees. The United States Government appropriated \$56,354.00 for these courses of which \$52,820.48 was expended in the 1944-45 year (Schedules 1 and 2). The balance of \$3,533.52 was refunded to the Government. This program terminated June 30, 1945.

In accordance with the provisions of OSRD Contract OEMar-273, a charge of \$105,000 was made to this contract as an allowance for overhead costs not otherwise reimbursable during the fiscal year ended August 31, 1945. This charge is subject to necessary adjustments to bring overhead allowance in line with actual costs.

#### OPERATING EXPENSE

Operating expense for the year was \$5,682,312.11 (Schedule 2).

#### SURPLUS

The operating net income for the year was \$260,813.43. At the end of the fiscal year 1944-45, the Current Funds Unrestricted Surplus amounted to \$85,240.84. A summary of changes affecting Surplus appears in Exhibit B.

### CURRENT FUNDS—RESTRICTED

Gifts, grants, and income from endowments comprise these funds which consist of currently expendable assets, limited as to disposition (Exhibit C).

During the year restricted gifts for immediate use amounted to \$3,141.50 (page 70); other restricted gifts and grants for use as needed or specified amounted to \$4,020,745.20 (page 70); restricted endowments earned \$69,122.66.

### LOAN FUNDS

For the assistance of students seeking financial aid, loan funds have been established by the University and other organizations (Schedule 11). Loans are made at a low rate of interest and when repaid the interest is added to principal. During the year, loans were made to 54 students. Gifts of \$135.00 were made to the Loan Funds (Exhibit D).

### ENDOWMENT FUNDS

The principal of all endowment funds amounts to \$2,474,174.19, including Reserves for Protection of Investments of the Consolidated Endowment Funds and the Scottish Rite Endowment Fund (Exhibit E). These funds are represented by assets which, under the terms of wills, deeds of gift, or under the by-laws of the University, must be held in perpetual trust for income-producing purposes. The principal amount and purpose of every endowment fund of the University are recorded in Schedule 12. A description of the funds begins on page 73.

"Consolidated Endowment Funds" consist of seventy-seven endowments with a total value of \$1,189,442.01 (Schedule 5—Page 2). The assets of these funds are combined to eliminate the possibility of partial or total loss of any fund through the failure of a specific investment, and to avoid temporary suspension of income; it also prevents carrying uninvested small cash balances in amounts not adapted to investment, and gives equality of treatment to all funds. Unless otherwise restricted by the donors, the assets of all new endowments are added to the assets of the Consolidated Endowment Funds.

Earnings of Consolidated Endowment Funds are recorded in one income account and at the end of the year are distributed to the participating funds in the proportion each fund bears to the total of the entire group. The rate of return on the investments of these funds amounted to 3.5727% during the past year and after deducting 10% as a reserve against losses (Schedule 12), was distributed at the rate of 3.2154%.

The trust note receivable held by the Consolidated Endowment Funds in the amount of \$323,430.23 and secured by the Hospital and Medical School property (square 230, lot 43), was paid by the University during the past year.

The Scottish Rite Endowment Fund earned 3.5249% net income on its investments during the year just ended.

Net income of all endowment funds for the year was \$84,556.57 (Schedule 10—Page 4).  
Pledges to the School of Medicine Endowment Fund on August 31, 1945, totaled \$92,032.00.

*Cash and other assets not yet expended for development of the physical plant comprise this type of fund (Schedule 7). There was expended from these funds during the past year \$21,311.07 for land, buildings, and equipment (Schedule 13). Unexpended Plant Funds totaled \$152,288.96 (Exhibit F).*

#### PLANT FUNDS—INVESTED IN PLANT

The investment in the physical plant of the University includes land, buildings, and equipment; their total value August 31, 1945, was \$5,501,049.52 (Exhibit A).

Additions to land and buildings during the year totaled \$270,347.32, and \$247,186.90 was received from Consolidated Endowment Funds for Strong Hall, making a net increase in land and buildings of \$23,160.42 (Schedule 8). Further references to these transactions will be found in Exhibit B, Exhibit G, and Schedule 5.

Equipment was increased during the year in the amount of \$18,496.64 (Exhibit G and Schedule 9).

Trust notes payable were curtailed in the amount of \$357,881.67, and new trust notes payable were assumed in the amount of \$161,024.27, making a net reduction in trust notes payable of \$196,857.40 (Exhibit B and Exhibit G).





# AUDIT CERTIFICATE

December 31, 1945

TO THE PRESIDENT AND THE BOARD OF TRUSTEES  
THE GEORGE WASHINGTON UNIVERSITY  
WASHINGTON, D. C.

## GENTLEMEN:

We have examined the balance sheet of THE GEORGE WASHINGTON UNIVERSITY as at August 31, 1945, and the statements of current operating income and expense, current funds surplus, and other fund transactions for the fiscal year then ended, have reviewed the system of internal control and the accounting procedure of the University, and, without making a detailed audit of the transactions, have examined or tested accounting records of the University and other supporting evidence, by methods and to the extent we deemed appropriate.

In our opinion, the balance sheet and related statements of current operating income and expense, current funds surplus, and other fund transactions included in the accompanying Report of the Comptroller of the University, present fairly the financial position of The George Washington University as at August 31, 1945, and the results of operations for the fiscal year then ended, in conformity with accepted principles of university and college accounting applied on a basis consistent with that of the preceding year.

Respectfully submitted,  
R. G. RANKIN & Co.

THE GEORGE WASHINGTON UNIVERSITY

BALANCE SHEET

August 31, 1945

ASSETS		LIABILITIES	
CURRENT FUNDS		CURRENT FUNDS	
UNRESTRICTED		UNRESTRICTED	
CASH	37,829.99	NOTE PAYABLE—Riggs National Bank, Due 10-30-45, Interest 3%	25,000.00
ACCOUNTS RECEIVABLE (Schedule 3)	12,825.47	DEFERRED INCOME AND DEPOSITS (Schedule 3)	12,205.22
INVENTORY—STUDENT CLUB	5,960.00	SURPLUS (EXHIBIT B)	85,260.84
PREPAID EXPENSE (Schedule 3)	65,850.60		122,466.06
RESTRICTED		RESTRICTED	
CASH	139,164.33		
ACCOUNT RECEIVABLE (Schedule 3)	42,712.69		
INVESTMENT \$50,000 par value U.S.A. Savings Bond, Series G, 2½%, due 11-1-54	50,000.00		
CASH (Schedule 4)	16,669.08	UNEXPENDED FUNDS (Exhibit C)	231,877.02
LOANS RECEIVABLE (Schedule 4)	26,948.05		
		LOAN FUNDS	
		43,617.13	PRINCIPAL OF FUNDS (Exhibit D)
			43,617.13



**CONTROLLED BY OTHER TRUSTEES  
(Schedule 6) .....**

233,112.90

2,474,174.19

## PRINCIPAL OF FUNDS (Exhibit E)

2,474,174 19

## PLANT FUNDS

UNEXPENDED

Cash (Schedule 7) .....	9,716.54
-------------------------	----------

9,716.54

INVESTMENTS (Schedule 7).....	142,572.42
-------------------------------	------------

142,572.42

152,288 96

## PRINCIPAL OF FUNDS (Exhibit F)

152,288 96,

## INVESTED IN PLANT

**LAND AND BUILDINGS (Schedule 8) . 4,895,559.36**

895,559.36

Equipment (Schedule 9)..... 605,490 16

605,490 16

5,501,049 52

TRUST NOTES PAYABLE  
(Schedule 8) . . . . .

589,822 83

4 911 776 69

5,501,049.52

**Total.....**

8,525,472 88

TOTAL.

8,525,472.88

# SUMMARY OF CURRENT OPERATING INCOME AND EXPENSE

For the Year Ended August 31, 1945

## Income (Schedule 1)

Educational and General		
Student Fees.....	1,175,305.54	
Endowment Investments Income.....	74,038.00	
Gifts and Grants.....	4,133,481.21	
Other Sources.....	<u>74,662.41</u>	
Activities Relating to Instruction.....	5,457,487.16	
Auxiliary Enterprises.....	296,857.51	
Non Educational.....		5,754,344.67
		<u>188,635.87</u>
		5,943,125.54

## Expense (Schedule 2)

Educational and General		
Administration and General.....	218,994.56	
Instruction.....	740,849.59	
Organized Research.....	4,129,584.34	
Libraries.....	37,062.57	
Maintenance and Operation of Plant.....	145,693.41	
Other Expense.....	<u>67,871.99</u>	
Activities Relating to Instruction.....	5,340,056.46	
Auxiliary Enterprises.....	291,991.48	
Non Educational.....	5,632,047.94	
	<u>178,052.25</u>	
	35,359.63	
Less general overhead expense re-apportioned (page 35).....		5,845,459.82
		<u>163,147.71</u>
		5,682,312.11

EXCESS OF CURRENT OPERATING INCOME OVER CURRENT OPERATING EXPENSE (see below)..... 260,813.43

# SUMMARY OF CURRENT FUNDS—UNRESTRICTED SURPLUS For the Year Ended August 31, 1945

BALANCE AUGUST 31, 1944.....				5,687.46
<b>ADDITIONS</b>				
Excess of Current Operating Income over Current Operating Expense (see above).....			260,813.43	
Reserve for Reduction of Note-Payable of Current and Plant Funds to Consolidated Endowment Funds (Schedule 13).....			19,458.34	
Receipts from sale of real estate (refer to Schedule 8).....			247,186.90	
			<u>527,458.67</u>	
				<u>533,146.13</u>
<b>DEDUCTIONS</b>				
Transferred to Net Investment in Plant—Land and Buildings—Exhibit G.....			90,003.62	
Reduction in Trust Notes Payable—Exhibit G.....				
Trust Notes Payable August 31, 1944.....		786,680.23		
Additions to Trust Notes Payable.....		<u>161,024.27</u>		
Trust Notes Payable August 31, 1945 (Schedule 8).....			947,704.50	
			<u>589,822.83</u>	
				<u>357,881.67</u>
				<u>447,885.29</u>
BALANCE AUGUST 31, 1945—Exhibit A.....				<u>85,260.84</u>

EXHIBIT B



# SUMMARY OF CURRENT FUNDS RESTRICTED—UNEXPENDED For the Year Ended August 31, 1945

	TOTAL	MISCELLANEOUS	ORGANIZED RESEARCH	AGENCY	INVESTMENT INCOME
BALANCE AUGUST 31, 1944.....	337,965.78	8,476.26	266,071.72	2,282.26	61,135.54
ADDITIONS (SCHEDULE 10)					
Gifts and Grants (page 70).....	4,020,745.20	30,481.76	3,990,263.44		
Transferred from Schedule 2—Hospital.....	10.00	10.00			
Miscellaneous Receipts.....	9,374.87	299.50		9,075.37	88,313.62
Investment Income.....	88,313.62				88,313.62
	4,118,443.69	30,791.26	3,990,263.44	9,075.37	
DEDUCTIONS (SCHEDULE 10)					
Scholarships, fellowships.....	3,235.53	1,050.00			2,185.53
Transferred to Schedule 1.....	74,936.45	68.23			74,868.22
Transferred to Schedule 12.....	410.71	410.71			
Prizes awarded.....	610.75	49.25			
Key Deposits refunded.....	128.25	128.25			561.50
Library Books.....	36.10	36.10			
Salaries.....	1,577,209.85		1,577,209.85		
Expenses.....	2,552,374.49		2,552,374.49		
Withdrawals.....	4,613.15			4,613.15	10,676.16
Transferred to Trust Funds.....	10,676.16				301.01
Other transfers.....	301.01				88,592.42
	4,224,532.45	1,742.54	4,129,584.34	4,613.15	
BALANCE AUGUST 31, 1945—EXHIBIT A.....	231,877.02	37,524.98	126,750.82	6,744.48	60,856.74

# SUMMARY OF LOAN FUNDS PRINCIPAL

For the Year Ended August 31, 1945

BALANCE AUGUST 31, 1944.....	44,863.15
ADDITIONS (Schedule 11)	
Income from endowment.....	160 72
Gifts.....	135 00
Interest on Loans.....	106 85
	<u>402 57</u>
	45,265.72
DEDUCTIONS (Schedule 11)	
Refunded to United States Government.....	1,648.59
	<u>1,648.59</u>
BALANCE AUGUST 31, 1945—EXHIBIT A.....	43,617.13

EXHIBIT D

# SUMMARY OF ENDOWMENT FUNDS PRINCIPAL

For the Year Ended August 31, 1945

	TOTAL	ENDOWMENT FUNDS	RESERVES FOR PROTECTION OF INVESTMENTS
BALANCE AUGUST 31, 1944.....	2,444,797 21	2,372,175 70	72,621 51
ADDITIONS (Schedule 12)			
Gifts.....	9,104 80	9,104 80	
Investment income.....	9,325 39	9,325 39	
Restricted Funds transferred from Schedule 10.....	410 71	410 71	
Gain on sale of investments.....	11,154 44	1,623 69	9,530 75
10% of Consolidated Endowment Funds net income.....	3,701 80	.....	3,701 80
	33,697 14	20,464 59	13,232 55
DEDUCTIONS (Schedule 12)			
Loss on sale of investments.....	3,320 16	2,650 92	669 24
Transferred to American School of Classical Studies at Athens.....	1,000 00	1,000 00	
	4,320 16	3,650 92	669 24
BALANCE AUGUST 31, 1945—EXHIBIT A.....	2,474,174 19	2,388,989 37	85,184 82



# SUMMARY OF PLANT FUNDS—UNEXPENDED

For the Year Ended August 31, 1945

	TOTAL	PLANT ADDITIONS	RETIREMENT OF DEBT	RESERVE FOR PROTECTION OF INVESTMENTS
BALANCE August 31, 1944.....	191,092 27	168,145 25	19,458 34	3,488 68
ADDITIONS (Schedule 13)				
Investment income.....	882 50	882 50		
Gifts.....	604 85	604 85		
Gain on sale of investments.....	478 75			478 75
	1,966 10	1,487 35		478 75
DEDUCTIONS (Schedule 13)				
Land and Buildings—Invested in Plant—Exhibit G.....	19,319 43	19,319 43		
Equipment—Invested in Plant—Exhibit G.....	1,991 64	1,991 64		
Transferred to Surplus—Exhibit B.....	19,458 34		19,458 34	
	40,769 41	21,311 07	19,458 34	
BALANCE August 31, 1945—EXHIBIT A.....	152,288 96	148,321 53		3,967 43

EXHIBIT F

# SUMMARY OF NET INVESTMENT IN PLANT

For the Year Ended August 31, 1945

BALANCE AUGUST 31, 1944.....	4,672,712.23
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## ADDITIONS

Reductions in Trust Notes Payable (Exhibit B).....	357,881.67
Less Trust Notes assumed during year*	<u>161,024.27</u>
	196,857.40

	LAND AND BUILDINGS SCHEDULE 8	EQUIPMENT SCHEDULE 9
Current Funds Unrestricted (Exhibit B).....	90,003.62	
Plant Funds Unexpended (Exhibit F).....	19,319.43	1,991.64
Departments (Schedule 2).....	161,024.27	16,505.00
*Trust Notes Payable (Schedule 8).....	<u>270,347.32</u>	<u>18,496.64</u>
	247,186.90	247,186.90

## DEDUCTION

Receipts from sale of real estate (Exhibit B).....	238,514.46
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BALANCE AUGUST 31, 1945—EXHIBIT A.....	<u>4,911,226.69</u>
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SCHEDULES



CURRENT OPERATING INCOME  
For the Year Ended August 31, 1945

EDUCATIONAL AND GENERAL

STUDENT FEES

Tuition and Laboratory		
Junior College.....	260,334.47	
Columbian College.....	66,739.32	
Graduate Council.....	1,309.00	
School of Government.....	12,629.36	
Division of Secretarial Students.....	1,365.13	
Division of Special Students.....	47,633.67	
Division of University Students.....	144,650.14	534,661.09
Division of Extension Students.....		10,684.63
School of		
Education.....		23,558.01
Engineering		
University Courses.....	27,406.38	
War Training Courses		
1943-44 Series.....	10,112.17	
Refunded to U. S. Government.....	7,029.71	3,082.46
1944-45 Series.....	56,354.00	
Refunded to U. S. Government.....	3,533.52	52,820.48
Law.....		83,309.32
Medicine.....		37,359.37
Pharmacy.....		172,051.45
		1,626.13

Junior.....	37,380.43	
Columbian.....	17,243.17	
Division of.....		
Extension Students.....	2,469.00	
Secretarial Studies.....	398.00	
Special Students.....	7,280.47	
University Students.....	31,776.67	
School of.....		
Education.....	6,815.50	
Engineering.....	2,861.94	
Government.....	3,391.00	
Law.....	9,207.00	
Medicine.....	59,725.50	
Pharmacy.....	56.00	
Graduate Council.....	60.00	
Unallocated (Fees Old).....	178,664.68	
	<u>6,813.44</u>	1,048,728.17
Miscellaneous Fees.....		
Art Validation.....	100.00	
Binding Theses.....	129.00	
Breakage.....	2,552.37	
Graduation.....	9,580.00	
Junior Certificates.....	2,480.00	
Medical School Credentials.....	1,275.00	
Student Bar Association.....	1,350.00	
University Fees.....	109,111.00	
	<u>126,577.37</u>	1,175,305.54
INVESTMENT INCOME (Schedule 10)		
Endowment Funds.....		
Unrestricted.....	15,433.91	
Restricted.....	<u>55,729.54</u>	71,163.45
Plant Funds.....		
Restricted.....	<u>2,874.55</u>	74,038.00

# CURRENT OPERATING INCOME (Continued) For the Year Ended August 31, 1945

## EDUCATIONAL AND GENERAL (Continued)

### GIFTS AND GRANTS

Unrestricted (page 70).....

619.27

### Restricted

#### Schedule 10

Organized Research (portion used).....

4,129,584.34

Drs. Freeman and Watts.....

100.00

Council of Religious Organizations.....

1.62

Society of Sigma Xi.....

33.56

Women's Auxiliary, D. C. Pharmaceutical Association.....

.92

136.10

Other (page 70).....

3,141.50

4,132,861.94

3,277.60

4,133,481.21

### OTHER SOURCES

#### Commissions for Collections by Hospital

Doctors' Fees.....

1,922.82

Electroencephalograms.....

73.00

Discounts Earned.....

1,995.82

Interest Earned.....

951.01

Library Fines.....

1,720.00

Miscellaneous Income.....

384.05

Reading Clinic Fees.....

672.61

Rent on University Property—Net.....

75.00

Speech Clinic.....

20,749.49

Student Activities.....

587.00

Hatchet.....

1,387.37

Law Review.....

2,094.62

Student Council.....

14,322.98

University Press.....

10.55

Transcripts, Photostats.....

17,815.52

United States Government Reimbursement—Books, Supplies, etc.

231.65

Army—A.S.T.P.—Medical School Program.....

17,988.42

Navy—V12—Medical School Program.....

7,387.48

Veterans Administration Program.....

4,104.36

29,480.26

74,662.41



ACTIVITIES RELATING TO INSTRUCTIONAL DEPARTMENTS  
The George Washington University Hospital  
Hospital Patients

Private Rooms.....	88,473.87	
Semi-Private Rooms.....	26,719.10	
Wards.....	51,294.59	
Operating Rooms.....	11,471.25	
Delivery Rooms.....	6,809.10	
X-Ray Department.....	16,776.40	
Laboratories.....	17,809.58	
Pathological Examinations—Frozen Sections.....	840.00	
“ “ Tissues.....	2,284.50	
Pharmacy.....	19,314.32	
Plasma (Schedule 10).....	51.15	
Community Blood Plasma Bank.....	1,447.50	
Supplies.....	2,727.63	
Telephone.....	170.72	
Board of Special Nurses.....	2,955.70	
Other Hospital Service.....	7,437.25	
Out Patient Department.....	1,250.93	
<b>Other Sources</b> .....	<b>257,833.59</b>	
Community Chest, Health Security Administration.....		
Subsistence of Staff.....	12,001.85	
Endowment Income (Schedule 10).....	21,000.00	
Gifts—Amity Relief Club (Schedule 10).....	830.22	
“ “ General Edwin M. Watson (Schedule 10).....	7.08	
“ “ Other (page 70).....	10.00	
Other Income.....	712.50	
<b>Orthoptic Training</b> .....	<b>729.58</b>	
Receipts.....	113.83	
Deferred.....		
<b>Post Graduate Course in Ophthalmology</b> .....	<b>34,675.48</b>	<b>292,509.07</b>
Receipts.....	500.00	
Deferred.....	325.18	174.82
<b>Post Graduate Course in Ophthalmology</b> .....	<b>4,355.20</b>	<b>4,173.62</b>
Receipts.....	181.58	
Deferred.....		296,857.51

# CURRENT OPERATING INCOME (Continued)

For the Year Ended August 31, 1945

## AUXILIARY ENTERPRISES

<b>RESIDENCE HALLS</b>		
Staughton Hall.....	17,750 96	
Strong Hall.....	26,580 62	44,331 58
<b>DINING HALLS</b>		
Cafeteria, Pinto, West Virginia University.....	46,722 70	
	43,659 50	90,382 20
<b>SORORITY HALLS</b>		
2129 G Street NW.....	4,395 00	
802 21st Street NW.....	1,990 00	6,385 00
DUPPLICATING BUREAU.....		2,900 95
STUDENT CLUB.....		44,454 39
WASHINGTON COUNSELING CENTER.....		89 75
<b>OTHER</b>		
Martha Washington Club.....	80 00	
Themian Club.....	12 00	92 00
		188,635 87
<b>NON EDUCATIONAL</b>		
Prizes—Gifts (page 71).....		145 00
TOTAL—EXHIBIT B.....		5,943,125 54

# CURRENT OPERATING EXPENSE.

For the Year Ended August 31, 1945

EDUCATIONAL AND GENERAL	TOTAL	SALARIES	OTHER EXPENSE	EQUIPMENT EXHIBIT C
ADMINISTRATION AND GENERAL				
President's Office.....	57,393.71	36,754.86	20,638.85	
Comptroller's Office.....	44,981.98	33,384.72	11,597.26	
Business Manager's Office.....	34,645.80	17,526.22	15,905.27	1,214.31
Admissions Office.....	18,523.13	14,348.32	4,174.81	
Registrar's Office.....	16,257.49	14,290.20	1,967.29	
Adviser to Students from Foreign Countries.....	597.15	422.50	174.65	
Alumni Office.....	9,739.43	5,931.87	3,807.56	
Inter-American Center.....	3,638.93	2,948.00	690.93	
Personnel Department.....	3,937.54	3,740.00	197.54	
Public Relations.....	8,173.87	3,942.51	4,231.36	
Retirements.....	12,900.00	12,900.00		
Social Activities.....	655.56	428.08	227.48	
University Chapels.....	416.28	341.00	75.28	
University Marshal.....	5,628.91	955.00	4,673.91	
Veterans Administration.....	1,504.78	1,378.37	126.41	
TOTAL ADMINISTRATION AND GENERAL—EXHIBIT B	218,994.56	149,291.65	68,488.60	1,214.31



**CURRENT OPERATING EXPENSE (Continued)**  
**For the Year Ended August 31, 1945**

**EDUCATIONAL AND GENERAL (Continued)**

**INSTRUCTION**

Junior and Columbian Colleges  
 Divisions of Secretarial Students, Special Students,  
 and University Students  
 Graduate Council and School of Government

	TOTAL	SALARIES	OTHER EXPENSE	EQUIPMENT FURNITURE
Administrative Expense . . . . .	17,672 37	16,409 70	1,262 67	
Art . . . . .	7,412 40	4,900 00	2,512 40	
Botany . . . . .	10,361 70	10,125 00	236 70	
Business Administration . . . . .	10,865 00	10,840 00	25 00	
Chemistry . . . . .	26,112 15	21,617 25	4,495 21	
Economics . . . . .	15,685 00	15,650 00	35 00	309 69
English . . . . .	37,371 20	37,250 00	121 20	
Foreign Service . . . . .	600 00	600 00		
Germanic Languages . . . . .	9,709 98	9,700 00	9 98	
Graduate Council . . . . .	83 30	75 00	8 30	
History . . . . .	15,716 47	15,652 33	64 14	
Mathematics . . . . .	14,575 48	14,550 00	25 48	
Philosophy . . . . .	3,603 84	3,600 00	3 84	
Physics . . . . .	18,088 42	17,400 00	613 46	74 96
Political Science . . . . .	15,195 41	15,150 00	45 41	
Public Administration . . . . .	1,240 00	1,240 00		
Psychology . . . . .	11,574 92	11,300 00	179 77	95 15
Romance Languages . . . . .	32,474 32	32,430 00	24 32	
Secretarial Studies . . . . .	4,937 34	4,750 00	187 34	
Speech . . . . .	10,187 74	9,435 67	268 07	484 00
Statistics . . . . .	6,915 89	6,900 00	15 89	
Zoology . . . . .	14,268 27	12,700 00	1,469 27	99 00
	284,651 40	272,294 95	11,293 65	1,062 80

<b>Division of Extension Students</b>			
<b>Administrative Expense</b>			
Instruction	3,061 80	2,380 00	681 80
	11,454 27	11,254 27	200 00
	14,516 07	13,634 27	881 80
<b>School of Education</b>			
<b>Administrative Expense</b>			
Education	2,523 73	2,444 00	79 73
Home Economics	18,184 50	17,827 00	357 50
	12,381 16	9,640 00	2,707 10
	33,089 39	29,871 00	3,144 33
<b>School of Engineering</b>			
<b>University Courses</b>			
Administrative Expense			
Civil	3,190 70	3,080 00	110 70
Electrical	7,761 09	6,780 00	259 52
Management	7,054 56	6,670 00	75 18
Mechanical	6,000 00	6,000 00	
	12,854 28	12,500 00	144 98
	36,860 63	35,030 00	500 38
<b>War Training Courses*</b>			
<b>1943-44 Series</b>			
Administrative Expense			
Instruction	919 27	138 40	781 06
Maintenance	341 47	(- 50)	170 71
	1,821 72		1,821 72
	3,082 46	137 90	2,773 49
<b>1944-45 Series</b>			
Administrative Expense			
Instruction	17,604 76	12,029 00	5,575 76
	30,791 34	29,572 50	665 50
Maintenance	4,424 38		4,424 38
	52,820 48	41,601 50	10,665 64
	92,763 57	76,769 40	14,029 51
<b>Total Engineering</b>			1,964 66

**CURRENT OPERATING EXPENSE (Continued)**  
For the Year Ended August 31, 1945

	TOTAL	SALARIES	OTHER EXPENSE	EQUIPMENT EXHIBIT (C)
<b>EDUCATIONAL AND GENERAL (Continued)</b>				
<b>INSTRUCTION (Continued)</b>				
Law School				
Administrative Expense.....	3,657.91	3,360.00	297.91	
Instruction.....	35,175.75	34,900.00	275.75	
	<u>38,833.66</u>	<u>38,260.00</u>	<u>573.66</u>	
School of Medicine				
Administrative Expense.....	21,668.68	19,559.92	2,108.76	207.42
Anatomy.....	14,791.80	13,812.00	979.80	652.86
Bacteriology, Hygiene, and Preventive Medicine.....	19,633.37	17,780.00	1,200.51	170.53
Biochemistry.....	15,596.12	14,394.50	1,031.09	
Dermatology.....	1,205.33	1,185.00	20.33	
Medicine.....	20,382.18	20,080.00	302.18	
Neurology.....	2,919.88	2,614.50	305.38	
Obstetrics and Gynecology.....	9,723.85	9,580.00	143.85	
Ophthalmology.....	1,582.81	1,387.50	195.31	
Oto-rhino-laryngology.....	1,850.00	1,850.00		
Pathology.....	29,646.43	27,944.00	1,253.48	448.95
Pediatrics.....	3,784.26	3,575.00	209.26	
Pharmacology.....	12,034.87	10,855.00	841.93	337.94
Physiology.....	19,580.28	17,880.00	1,227.79	472.49
Psychiatry.....	1,900.00	1,900.00		
Surgery.....	7,350.00	7,350.00		
Urology.....	1,253.50	1,150.00	103.50	
General Research.....	8,836.65	1,884.25	6,952.40	
	<u>193,740.01</u>	<u>174,781.67</u>	<u>16,668.15</u>	<u>2,290.19</u>
School of Pharmacy				
Administrative Expense.....	550.00	500.00	50.00	105.23
Instruction.....	3,424.88	2,970.00	349.65	105.23
	<u>3,974.88</u>	<u>3,470.00</u>	<u>399.65</u>	



Summer Sessions				
Instruction	53,236 81	54,232 81	996 00	
Physical Education				
Men	7,433 75	8,916.62	1,482 87	129 50
Women	14,199 45	16,131 18	1,802 23	129 50
	21,633 20	25,047 80	3,285 10	5,626 44
TOTAL INSTRUCTION—EXHIBIT B	683,951 30	740,849 59	51,271 85	
ORGANIZED RESEARCH* (SCHEDULE 10)—EXHIBIT B	1,577,209 85	4,129,584 34	2,552,374 49	
LIBRARIES				
Books		9,038 86		9,038 86
Other Expense	24,595 42	28,023 71	3,328 72	99 57
TOTAL LIBRARIES—EXHIBIT B	24,595 42	37,062 57	3,328 72	9,138 43
MAINTENANCE AND OPERATION OF PLANT—EXHIBIT B*	75,362 02	145,693 41	70,331 39	
OTHER EXPENSE				
Alumni Dues		732 00	732 00	
Student Activities				
Health Administration				
Law Review	7,026 77	8,601 43	1,574 66	
Men's Athletics	731 40	3,583 88	2,852 48	
Student Council Accounts		146 13	146 13	
University Accounts		20,414 37	20,414 37	
United States Government	2,000 00	2,593 61	593 61	
Army, Navy—Medical Students' Expenses				
Veterans Administration—Veterans' Expenses		23,181 62	23,181 62	
Office of Scientific Research and Development	309 30	6,199 19	5,889 89	
Overhead Charges on Contract OEMsr-273		2,419 76	2,419 76	
TOTAL OTHER EXPENSE—EXHIBIT B	10,067 47	67,871 99	57,804 52	

# **CURRENT OPERATING EXPENSE (Continued)** For the Year Ended August 31, 1945

EDUCATIONAL AND GENERAL (Continued)	TOTAL	SALARIES	OTHER EXPENSE	EQUIPMENT EXHIBIT G
ACTIVITIES RELATING TO INSTRUCTION				
The George Washington University Hospital				
Administration.....	39,153.08	14,533.90	24,619.18	
Medical and Surgical Care.....	14,976.30	2,600.50	12,375.80	
Nursing Care.....	87,082.48	87,082.48		
Laboratories.....	9,816.21	8,002.55	1,813.66	
Pharmacy.....	13,130.06	1,800.00	11,330.06	
X-Ray.....	14,989.95	12,613.53	2,376.42	
Dietary.....	45,361.22	14,985.27	30,375.95	
Out-Patient Department.....	6,270.77	6,145.32	125.45	
Laundry.....	12,622.50		12,622.50	
Medical Records and Library.....	1,853.00	1,800.00	53.00	
Housekeeping.....	11,787.52	8,886.81	2,900.71	
Heat, Light, Power.....	4,681.10		4,681.10	
Maintenance of Building.....	3,716.35	2,265.00	1,451.35	
Yard Service.....	1,202.50	1,202.50		
Subsistence of Staff.....	21,000.00	21,000.00		
	287,643.04	182,917.86	104,725.18	
Orthoptic Training.....	174.82	125.00	49.82	
Post Graduate Course in Ophthalmology.....	4,173.62	2,435.00	1,738.62	
TOTAL ACTIVITIES RELATING TO INSTRUCTION — EXHIBIT B.....	291,991.48	185,477.86	106,513.62	
AUXILIARY ENTERPRISES				
RESIDENCE HALLS				
Staughton Hall.....	9,313.26	5,961.79	2,919.58	431.89
Strong Hall.....	29,573.99	8,717.47	20,856.52	
	38,887.25	14,679.26	23,776.10	431.89
SORORITY HALLS				
2129 G Street NW.....	1,316.81	235.50	1,081.31	
802 21st Street NW.....	1,074.61	200.75	873.86	
	2,391.42	436.25	1,955.17	

DINING HALLS  
Cafeteria, Pinto, West Virginia  
University

**DUPLICATING BUREAU**

**STUDENT CLUB**

**AUDITORIUM**

**WASHINGTON COUNSELING CENTER**

TOTAL AUXILIARY ENTERPRISES—EXHIBIT B

47,219.90	17,887.67	29,332.23
40,630.91	16,009.48	24,621.43
87,850.81	33,897.15	53,953.66
1,367.55	338.00	1,029.55
35,740.56	9,696.90	26,043.72
6,867.97	4,298.61	2,569.36
4,946.69	4,244.00	606.70
178,052.25	67,590.17	110,368.15

(-2.06)

95.99

525.82

**NON EDUCATIONAL**

Prizes—Awarded from gifts received (page 71)

**SCHOLARSHIPS**

**INTEREST ON NOTES PAYABLE**

TOTAL NON EDUCATIONAL—EXHIBIT B

145.00	145.00
12,885.45	12,885.45
22,329.18	22,329.18
35,359.63	35,359.63
5,845,459.82	3,053,409.08
	16,505.00

\*Less general overhead, administrative, and/or maintenance expense apportioned as follows:

Organized Research—Page 33	
Food and Drug Administration	538.00
Navy Department	290.50
Office of Scientific Res. and Development	
Contract OEMar-273	105,000.00
Contract OEMar-1356	15,647.73
Contract OEMcmr-464	962.50
Pharmacy Research Accounts	2,917.87
Quartermaster Corps, Contract 329	4,160.28
War Department	3,196.45

War Training Courses—Page 31

University Hospital—Page 34

TOTAL EXPENSE, ADJUSTED—EXHIBIT B

163,147.71
5,682,312.11



# MISCELLANEOUS ASSETS AND LIABILITIES

August 31, 1945

## ACCOUNTS RECEIVABLE

### UNRESTRICTED

United States Government

Naval Ordnance Laboratory

Office for Emergency Management—Office of Scientific Research and Development

Quartermaster Corps

352.00  
1,241.61  
11,231.86

EXHIBIT A

12,825.47

### RESTRICTED

United States Government

Office for Emergency Management—Office of Scientific Research and Development

42,712.69

## PREPAID EXPENSE

Microscopes

Duplicating Bureau Supplies

Stockroom Supplies

Other

22,555.60  
230.00  
33,952.00  
9,113.00

65,850.60

## DEFERRED INCOME AND DEPOSITS

Library Deposits

Student Fees

Orthoptic Training

Post-Graduate Course in Ophthalmology

Student Council—Book Exchange

Medical Services

United States Navy Students—book sales

75.00  
7,288.00  
325.18  
3,568.49  
321.64  
160.00  
466.91

12,205.22

# ASSETS OF LOAN FUNDS

August 31, 1945

	TOTAL	CASH	LOANS RECEIVABLE
D.C.—D.A.R. Loan Fund	2,109 66	1,771 66	338 00
George Washington Law Association Loan Fund	668 00	668 00	
Honac Economics Loan Fund	188 00	188 00	
Kellogg Medical School Loan Fund	15,085 11	3,136 21	11,948 90
Kellogg Medical Technology Loan Fund	2,000 00	2,000 00	
Student Loan Fund	8,049 21	7,730 21	319 00
Sutherland Medical School Loan Fund	1,175 00	1,175 00	
War Loan Fund	14,342 15		14,342 15
TOTALS—EXHIBIT A	43,617 13	16,669 08	26,948 05

# ASSETS OF ENDOWMENT FUNDS—CONTROLLED BY THE UNIVERSITY

August 31, 1945

## CONSOLIDATED ENDOWMENT FUNDS

BONDS	DESCRIPTION	%	DUE	VALUE	
				PAR	MARKET
American Gas and Electric Co.	Sinking Fund Debenture	3 1/2	1960	21,000	22,680 00
American Telephone and Telegraph Co.	Convertible Debenture	3	1956	10,000	14,000 00
Atchison, Topeka and Santa Fe Ry. Co.	Convertible	4	1955	3,000	3,300 00
Atchison, Topeka and Santa Fe Ry. Co.	General Mortgage	4	1995	2,000	2,560 00
Atlantic Refining Co.	Debenture	3	1953	10,000	10,200 00
Capital Transit Co.	First and Refunding Mortgage A	4	1964	15,000	15,750 00
Cities Service Co.	Debenture	5	1950	10,000	10,300 00
Great Northern Railway Co.	General Mortgage D	4 1/2	1976	25,000	32,250 00
Liggett and Meyers Tobacco Co.	Debenture	5	1951	12,000	14,280 00
New York Central R. R. Co.	Refunding and Improvement A	4 1/2	2013	30,000	25,800 00
Pennsylvania Railroad Co.	General Mortgage F	4 1/4	1984	25,000	30,250 00
Pennsylvania Railroad Co.	Consolidated Mortgage	4 1/2	1960	1,000	1,260 00
Southern Pacific Railroad Co.	First Refunding Mortgage	4	1955	2,000	2,120 00
United States of America	Treasury Bonds	2 1/4	1959 62	50,000	50,500 00
United States of America	"	2 1/2	1949-53	100	106 00
United States of America	Savings Bonds, Series G	2 1/2	10-1-54	23,000	21,988 00
United States of America	"	2 1/2	11-1-54	47,000	44,932 00
United States of America	"	2 1/2	1-1-55	17,000	16,252 00
United States of America	"	2 1/2	4-1-55	36,500	35,113 00
United States of America	"	2 1/2	9-1-55	41,100	39,825 90
United States of America	"	2 1/2	10-1-55	7,500	7,267 50
United States of America	"	2 1/2	2-1-56	9,000	8,721 00
United States of America	"	2 5/8	8-1-56	200	148 40
Washington Gas Light Co.	General Mortgage	5	1960	6,000	7,740 00
West Shore Railroad Co.	Guaranteed First Mortgage	4	2361	26,000	20,800 00
					48,143 80
					424,219 80



STOCKS—PREFERRED			SHARES
Allis-Chalmers Manufacturing Co.....	Cumulative Convertible.....	4	200
American Brake Shoe Co.....	"	5 1/4	180
American Cyanamid Co.....	"	5	900
American Smelting and Refining Co.....	"	7	120
American Viscose Corporation.....	"	5	120
Appalachian Electric Power Co.....	"	4 1/2	150
Atchafalpa, Topeka and Santa Fe Ry. Co.....	Non Cumulative	5	100
Cleveland and Pittsburgh R. R. Co.....	Guaranteed	7	60
Corning Glass Works.....	Cumulative	3 1/2	100
Detroit, Hillsdale and S. W. R. R. Co.....	Guaranteed	4	240
General Motors Corporation.....	85 Cumulative	6	163
Gold and Stock Telegraph Co.....	Guaranteed	6	100
Hecht Co.....	Cumulative	3 3/4	50
May Department Stores Company.....	83.75 Cumulative	4 1/2	200
McKesson and Robbins, Inc.....	84 Cumulative	4 1/2	100
Merek and Co., Inc.....	Cumulative	4 1/2	100
Oliver Corporation.....	Cumulative Convertible.....	6	200
Potomac Electric Power Co.....	"	3 6	2
R. J. Reynolds Tobacco Co.....	"	3 1/2	100
Sterling Drug, Inc.....	"		200
			287,350 00
			270,899 72

See page 5, Part I.

# ASSETS OF ENDOWMENT FUNDS—CONTROLLED BY THE UNIVERSITY (Continued)

August 31, 1945

## CONSOLIDATED ENDOWMENT FUNDS (Continued)

### STOCKS—COMMON

	SHARES	VALUE	
		MARKET	BOOK
Capital Transit Co.	27	945.00	2,835.00
Chrysler Corporation	100	12,500.00	11,500.25
Commonwealth Edison Co.	640	19,200.00	18,190.00
Continental Can Co., Inc.	31	1,519.00	2,375.38
Continental Illinois National Bank and Trust Co.	270	28,890.00	16,945.31
Continental Oil Co. of Delaware	210	6,720.00	9,454.95
General Electric Co.	100	4,700.00	5,405.00
General Motors Corporation	500	36,000.00	26,523.75
Goodyear Tire and Rubber Co.	200	11,400.00	9,411.57
International Harvester Co.	200	18,000.00	17,181.75
International Nickel Co. of Canada, Ltd.	200	6,800.00	12,035.25
Kennecott Copper Corporation	300	11,400.00	18,227.50
Mergenthaler Linotype Co.	6	420.00	588.00
National City Bank of New York	39	1,716.00	3,517.04
New York Air Brake Co.	200	10,400.00	8,646.84
Phelps Dodge Corporation	200	5,400.00	7,857.25
R. J. Reynolds Tobacco Co.—Non Voting B.	100	3,800.00	5,112.50
Security Storage Co.	67	5,092.00	5,058.50
Socony-Vacuum Co.	1,000	16,000.00	14,601.82
Southern Pacific Co.	50	2,350.00	1,525.00
Standard Oil Co. of California	300	12,600.00	11,796.85
		215,852.00	208,789.51

**TRUST NOTES RECEIVABLE**

Snow, Chester A.—Secured by lot 77, square 162.....4½ 10-31-46  
 Wollberg, Ben.—Secured by lot 9, square 16.....4 12- 4-46

8,000 00	8,000 00
3,500 00	3,500 00
<u>11,500 00</u>	<u>11,500 00</u>

**REAL ESTATE**

Strong Hall—620 21st Street NW., lots 19-20-818-819, square 80 (purchased during  
 year from Plant Funds; refer to schedule 8).....

243,253.16	243,253.16
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**CASH.....**

30,779.82	30,779.82
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**TOTAL** } Consolidated Endowment Funds Assets..... 1,155,876 47  
 Assets of: Reserve for Protection of Consolidated Endowment Funds Investments 33,565 54

1,226,878.78	
.....	1,189,442 01



# ASSETS OF ENDOWMENT FUNDS—CONTROLLED BY THE UNIVERSITY (Continued)

August 31, 1945

## SCOTTISH RITE FUND

BONDS	DESCRIPTION	%	DUE	VALUE		
				PAR	MARKET	BOOK
American Gas and Electric Co.	Sinking Fund Debenture	3½	1960	8,000	8,640 00	8,452 00
American Telephone and Telegraph Co.	Debenture	2¾	1980	25,000	25,000 00	25,000 00
Atlantic Refining Co.		3	1953	15,000	15,300 00	14,850 00
Buffalo General Electric Co.	General and Refunding B.	4½	1981	10,000	10,900 00	10,424 00
Capital Transit Co.	First and Refunding Mortgage A.	4	1964	15,000	15,750 00	15,000 00
Central Illinois Light Co.	First and Consolidated Mortgage	3½	1966	25,000	27,000 00	25,979 00
Cities Service Co.	Debenture	5	1950	25,000	25,750 00	22,065 95
Cleveland Union Terminals Co.	First Mortgage Sinking Fund C.	4½	1977	25,000	26,250 00	24,437 50
Columbia Gas and Electric Corporation	Debenture	5	1961	10,000	10,400 00	10,084 00
Consumers Power Co.	First Mortgage	3½	1965	20,000	20,800 00	19,978 10
Lexington and Eastern Railway Co.	First Mortgage	5	1965	12,000	15,720 00	13,144 00
Liggett and Myers Tobacco Co.	Debenture	5	1951	3,000	3,570 00	3,186 00
Nebraska Power Co.	First Mortgage	4½	1981	12,000	12,840 00	12,974 00
New England Telephone & Telegraph Co.	First Mortgage A.	5	1952	15,000	17,250 00	15,488 00
Northern Pacific Railway Co.	Prior Lien Railway and Land Grant	4	1997	25,000	28,750 00	27,061 00
Panhandle Eastern Pipe Line Co.	First Mortgage and First Lien B.	3	1960	20,000	20,800 00	20,295 00
Pennsylvania Power and Light Co.	First Mortgage	3½	1969	15,000	16,050 00	15,657 00
Protestant Episcopal Cathedral Foundation of D. C.	First Mortgage	3½	1951	10,000	10,000 00	10,035 00
United Pacific Railroad Co.	First Mortgage R.R. and Land Grant	4	1947	5,000	5,250 00	5,022 00
United States of America	Treasury Bonds	2	1950-52	103,000	106,090 00	103,000 00
United States of America	"	2	1951-53	20,000	20,400 00	20,000 00
United States of America	"	2½	1959-62	25,000	25,250 00	25,000 00
United States of America	Savings Bonds, Series G	2½	10-1-53	30,000	47,400 00	50,000 00
United States of America	"	2½	10-1-54	100,000	95,400 00	100,000 00
United States of America	"	2½	1-1-55	100,000	95,600 00	100,000 00
United States of America	"	2½	2-1-56	1,000	969 00	1,000 00
Washington Gas Light Co.	General Mortgage	5	1960	4,000	5,160 00	4,706 00
West Shore Railroad Co.	Guaranteed First Mortgage	1	2361	14,000	11,200 00	12,355 00
					723,889 00	715,193 55

STOCKS—PREFERRED					
		%	SHARES		
American Viscose Corporation.....	Cumulative.....	5	150	17,550 00	16,125 00
Federated Department Stores, Inc.....	Convertible.....	4 1/4	100	10,400 00	9,895 00
Goodyear Tire and Rubber Co.....	85 Cumulative Convertible.....		100	11,000 00	10,960 34
Hecht Co.....	Cumulative.....	3 3/4	150	14,850 00	15,450 00
Industrial Rayon Corporation.....	\$4.50 Cumulative.....		150	15,600 00	15,824 59
McKesson and Robbins, Inc.....	\$4 Cumulative.....	5 3/4	100	10,400 00	9,860 25
North American Co.....	Cumulative.....	4	180	10,200 00	8,767 20
Philip Morris and Co., Ltd., Inc.....	".....	4	138	14,904 00	14,007 00
R. J. Reynolds Tobacco Co.....	".....	3 6	200	19,800 00	20,018 77
				<u>124,764 00</u>	<u>120,908 15</u>

# ASSETS OF ENDOWMENT FUNDS—CONTROLLED BY THE UNIVERSITY (Continued)

August 31, 1945

## SCOTTISH RITE FUND (Continued)

	SHARES	VALUE	
		MARKET	BOOK
<b>STOCKS—COMMON</b>			
Commonwealth Edison Co.....	800	24,000.00	21,995.00
Continental Oil Co. of Delaware.....	500	16,000.00	15,725.25
General Electric Co.....	400	18,800.00	17,210.00
Goodyear Tire and Rubber Co.....	200	11,400.00	9,649.34
International Nickel Co. of Canada, Ltd.....	300	10,200.00	13,032.50
Montgomery Ward and Co.....	600	40,800.00	25,077.25
Riggs National Bank.....	75	30,000.00	25,125.00
Standard Oil Co. of California.....	100	4,200.00	2,600.00
Union Carbide and Carbon Corporation.....	300	28,800.00	25,122.50
		<u>184,200.00</u>	<u>155,536.84</u>
<b>TRUST NOTE RECEIVABLE</b>			
District Automotive Supply Co.—Secured by lots 800-801-840, square 75, at 2100 Pennsylvania Avenue NW. Interest 4½%. Due 11-30-45.....		47,000.00	47,000.00
<b>CASH</b> .....		<u>12,980.74</u>	<u>12,980.74</u>
		<u>1,092,833.74</u>	
<b>Total } Scottish Rite Fund Assets</b> .....	1,000,000.00		
<b>Total } Assets of: Reserve for Protection of Scottish Rite Fund Investments</b> .....	51,619.28		1,051,619.28



# SUMMARY OF ASSETS OF ENDOWMENT FUNDS—CONTROLLED BY THE UNIVERSITY

INVESTMENTS								
Funds	Total Assets	Cash	Total	Bonds	Stocks		Trust Notes	Real Estate
					Preferred	Common		
Consolidated.....	1,189,442.01	30,779.82	1,158,662.19	424,219.80	270,899.72	208,789.51	11,500.00	243,253.16
Scottish Rite.....	1,051,619.28	12,980.74	1,038,638.54	715,193.55	120,908.15	155,536.84	47,000.00	
TOTAL—Exhibit A	2,241,061.29	43,760.56	2,197,300.73	1,139,413.35	391,807.87	364,326.35	58,500.00	243,253.16

# ASSETS OF ENDOWMENT FUNDS—CONTROLLED BY OTHER TRUSTEES

August 31, 1945

## ANDREW SCHOLARSHIP FUND

	DESCRIPTION	%	Due	PAR	VALUE	
					MARKET	BOOK
BONDS	New York Edison Co. ....	3 1/4	1966	2,000	2,120 00	1,985 00
	United States of America .....	2 1/2	1967-72	1,500	1,515 00	1,500 00
	Treasury Bonds .....				3,635 00	3,485 00
STOCKS—PREFERRED	Pacific Gas and Electric Co. ....	6	SHARES		400 00	419 79
	Tide Water Associated Oil Co. ....	3 3/4	5		510 00	511 25
	Virginian Railway Co. ....	6	10		390 00	414 05
	Cumulative .....				1,300 00	1,345 09
	Cumulative .....				169 91	169 91
CASH .....					5,104 91	5,000 00
TOTALS (American Security and Trust Co., Trustee)						

## HARVEY SCHOLARSHIP FUND

BONDS	United States of America. ....	2 1/2	1965-70	4,500	4,545 00	4,500 00
	Treasury Bonds .....				460 25	460 25
	CASH .....					
TOTALS (Washington Loan and Trust Co., Trustee)					5,005 25	4,960 25

### SHARPE MEDICAL SCHOOL FUND

#### BONDS

Duquesne Light Co.	3½	1965	1,000	1,070 00	1,104 03
Illinois Bell Telephone Co.	2¾	1981	1,000	1,040 00	1,022 78
United States of America	2½	1964-69	1,000	1,030 00	1,001 63
United States of America	2½	1967-72	3,000	3,030 00	3,000 00
United States of America	2½	1955-60	2,000	2,240 00	1,726 35
CASH				8,430 00	7,854 79
				85 22	85 22
TOTALS (National Savings and Trust Co., Trustee)				8,515 22	7,940 01

### SPENCER SCHOLARSHIP FUND

#### BONDS

United States of America	2½	1952-55	2,400	2,496 00	2,423 25
United States of America	2½	5-1-54	5,000	4,755 00	5,000 00
Treasury Bonds				7,251 00	7,423 25
Savings Bonds, Series G				10 95	10 95
CASH				7,261 95	7,434 20
TOTALS (The Northern Trust Co., Chicago, Trustee)					



# ASSETS OF ENDOWMENT FUNDS—CONTROLLED BY OTHER TRUSTEES (Continued)

August 31, 1945

## SANDERS FELLOWSHIP FUND

BONDS	DESCRIPTION	DUE	%	VALUE	
				MARKET	BOOK
Baltimore and Ohio Railroad Co.	First Mortgage	1948	4	10,000	9,587.50
Commonwealth Edison Co.	"	1977	3	5,000	5,212.50
Cons. Gas Elec. Light & Power Co. of Baltimore, First Refunding Q.		1976	2 1/4	1,000	1,032.72
Federal Land Banks.	Consolidated Farm Loan	1946-56	3	4,000	4,028.75
La Salle Apartment, Inc.*	Debenture	1960	6	5,000	5,000.00
Potomac Electric Power Co.	First Mortgage	1966	3 1/4	3,000	3,112.50
United States of America.	Treasury Bonds	1956-59	2 1/4	1,500	1,499.38
United States of America.	Savings Bonds, Series G	5-1-53	2 1/2	15,000	15,000.00
United States of America.	Treasury Bonds	1966-71	2 1/2	2,000	2,028.75
United States of America.	"	1967-72	2 1/2	12,500	12,500.00
				58,750.00	59,002.10
STOCKS—PREFERRED				SHARES	
United States Steel Corporation	Cumulative	7		100	14,537.50
Washington Railway & Electric Co.		5		100	10,212.50
					26,750.00
STOCKS—COMMON					
La Salle Apartment, Inc.				300	375.00
United States Steel Corporation				280	20,160.00
					20,535.00
TRUST NOTES RECEIVABLE				DUE	
Barbato, Pascuale—Secured by lot 813, square 68.	Due \$56 or more per month including interest	4 1/2		6,666.52	6,666.52
Bohys, Maurice P., Serene, and Minna—Secured by lot 803, square 2801.	Due	4		11,200.00	11,200.00
Brownley Trust—Secured by lots 23-821, square 254		3 1/2		25,000.00	25,000.00
District National Securities Corporation—Secured by lot 128, square 177.	Due	4		5,250.00	5,250.00
\$750 or more quarterly					

\*La Salle Apartment, Inc.

McIntire, John A. and Elsie W.—Secured by lot 12, block 17, section 1, Montgomery County, Md. Due \$75 or more per month including interest. 4½ Monthly 7,563.51 7,563.51  
 Richmond, Stoughton J., and Edith J.—Secured by lot 1, block 3, section 1, Montgomery County, Md. Due \$53 or more per month including interest. 4 8-18-57 7,426.40 7,426.40  
 Rosenblatt, Arthur J.—Secured by lot 74, square 1814. Due \$88 or more per month, including interest. 4 Monthly 11,046.96 11,046.96  
 Worch, Ida M., Paulina H., Carl, and Hugo—Secured by lot 800, square 2043. Due \$250 quarterly. 4½ Quarterly 3,750.00 3,750.00  
 77,903.39 77,903.39

#### REAL ESTATE

Washington, D. C.—1731 11th Street NW., lot 808, square 335 2,450.00 2,450.00

#### CASH

1,077.95 1,077.95

TOTALS (National Savings and Trust Co., Trustee) 187,616.34 207,778.44

### SUMMARY OF ASSETS OF ENDOWMENT FUNDS—CONTROLLED BY OTHER TRUSTEES

	Total Assets	Cash	INVESTMENTS					Trust Notes	Real Estate
			Total	Bonds	Stocks				
					Preferred	Common			
Andrews.....	5,000.00	169.91	4,830.09	3,485.00	1,345.09				
Harvey.....	4,960.25	460.25	4,500.00	4,500.00					
Sanders.....	207,778.44	1,077.95	206,700.49	59,002.10	24,750.00	42,595.00	77,903.39	2,450.00	
Sharpe.....	7,940.01	85.22	7,854.79	7,854.79					
Spencer.....	7,434.20	10.95	7,423.25	7,423.25					
Total—Exhibit A..	233,112.90	1,804.28	231,308.62	82,265.14	26,095.09	42,595.00	77,903.39	2,450.00	

# ASSETS OF PLANT FUNDS—UNEXPENDED

August 31, 1945

## CONSOLIDATED PLANT FUNDS

	DESCRIPTION	C%	DUE	VALUE	
				PAR	MARKET
BONDS					
United States of America	Savings Bond, Series G	2½	11-1-54	3,000	2,868 00
United States of America	" " " "	2½	10-1-55	1,000	969 00
United States of America	" " " "	2.9	1-1-50	10,000	8,500 00
					<u>12,337 00</u>
STOCK—COMMON				SHARES	
Commonwealth and Southern Corporation				25	25 00
					<u>28 13</u>
CASH					<u>1,757 56</u>
TOTALS					<u>14,119 56</u>
					<u>14,285 69</u>

## GEORGE WASHINGTON MEMORIAL FUND

BOND					
United States of America	Savings Bond, Series D	2.9	1-1-50	10,000	8,500 00
CASH					<u>2,551 56</u>
TOTALS					<u>11,051 56</u>
					<u>11,051 56</u>



# PAIRO FUND

## STOCKS—COMMON

	SHARES	
American Security and Trust Co.	20	8,220 00
Capital Transit Co.	200	5,240 00
Mergenthaler Linotype Co.	150	7,000 00
National Bank of Washington	100	14,400 00
National City Bank of New York	61	10,500 00
Pennroad Corporation	100	15,806 25
Riggs National Bank	39	15,500 00
Union Trust Co. of D. C.	100	2,684 00
		2,928 00
		1,300 00
		15,600 00
		20,670 00
		13,600 00
		31,100 00
		119,924 25

## TRUST NOTES RECEIVABLE

	%	Due
Hungerford, William C. and Lillian E.—Secured by tract in Germantown, Md.	6	318 03
Due \$20 per month including interest.	5½	1,302 01
Woodson, H. D.—Secured by lot 159, square 1026.		1,620 04
		5,407 42
		126,951 71

## CASH

## TOTALS

## SUMMARY OF ASSETS OF PLANT FUNDS—UNEXPENDED

	Total Assets	Cash	INVESTMENTS			
			Total	Bonds	Common Stocks	Trust Notes
Consolidated Plant Funds	14,285 69	1,757 56	12,528 13	12,500 00	28 13	
George Washington Memorial Fund	11,051 56	2,551 56	8,500 00	8,500 00		
Pairo Fund	126,951 71	5,407 42	121,544 29		119,924 25	1,620 04
TOTAL—EXHIBIT A	152,288 96	9,716 54	142,572 42	21,000 00	119,952 38	1,620 04



G Street NW—2003	27	102	1936	11,700.00	11,700.00
	2024	103	1922	14,955.00	14,955.00
	2026	103	1929	15,074.96	15,074.96
	2033	102	1922	32,500.00	32,500.00
	2106	80	1937	19,000.00	19,000.00
	2109	79	1938	55,646.21	55,646.21
	2111-17	79	1938	60,000.00	60,000.00
	2121	79	1939	10,146.50	10,146.50
	2131	79	1935	25,500.00	25,500.00
	2135	79	1943	14,000.00	14,000.00
H Street NW—2011	2011	101	1943	13,000.00	13,000.00
	2014	102	1922	5,250.00	5,250.00
	2016	102	1929	14,000.00	14,000.00
	2018	102	1933	14,250.00	14,250.00
	2018½	102	1933	11,750.00	11,750.00
	2020-22	102	1928	31,066.71	31,066.71
	2024	102	1924	12,000.00	12,000.00
	2025 (deposit)	101	1945	500.00	500.00
	2026	102	1925	10,200.00	10,200.00
	2027	101	1941	11,000.00	11,000.00
I Street NW—2038	2037	101	1945	11,500.00	11,500.00
	2113	101	1940	23,500.00	23,500.00
	2115	77	1940	12,500.00	12,500.00
	2142	77	1944	12,431.25	12,431.25
	2142½	79	1935	1,500.00	1,500.00
	2209	79	1940	3,000.00	3,000.00
	2215-19	55	1945	6,650.00	6,650.00
	2300	55	1944	15,500.00	15,500.00
	2138 (deposit)	42	1942	10,750.00	10,750.00
	2304 06-08-10-10½	101	1942	10,000.00	10,000.00
J Street NW—2038	12	77	1945	250.00	250.00
	34-35-822-823-824	41	1945	72,250.00	72,250.00



**LAND AND BUILDINGS—INVESTED IN PLANT (Continued)**  
For the Year Ended August 31, 1945

Building or Location	Subject to Trust Note Payable	Lot	Square	Year Acquired or Erected	Balance August 31, 1944	Additions	Balance August 31, 1945
20th Street NW—700		26	102	1931	17,500 00		17,500 00
" " 712	A	42	102	1929	14,240 00		14,240 00
" " 714	A	41	102	1930	14,500 00		14,500 00
" " 716	A	40	102	1929	13,500 00		13,500 00
" " 718		828-830	102	1929	20,000 00		20,000 00
21st Street NW—606-608		21-22	80	1935	12,500 00		12,500 00
" " 713	A	807	102	1931	12,000 00		12,000 00
" " 714		46	79	1931	40,000 00		40,000 00
" " 715	A	808	102	1929	12,000 00		12,000 00
" " 716	A	830-831	79	1933	8,885 00		8,885 00
" " 718		829	79	1939	16,422 00		16,422 00
" " 810		31	77	1938	9,000 00		9,000 00
" " 814		840	77	1944	500 00	12,500 00	13,000 00
22nd Street NW—715		24	79	1939	8,190 00		8,190 00
" " 717		25	79	1940	10,143 00		10,143 00
" " 725		812-813	79	1938	8,750 00		8,750 00
" " 727		814	79	1937	4,750 00		4,750 00
" " 731		34	79	1945		7,600 00	7,600 00
" " 806 (deposit)		800	55	1943		500 00	500 00
" " 820		830	55	1945		500 00	500 00
23rd Street NW—706		827	42	1942	3,675 00		3,675 00
" " 716		825	42	1944	7,425 00		7,425 00
" " 734		819	42	1942	4,500 00		4,500 00
" " 736		818	42	1942	3,000 00		3,000 00
24th Street NW—807 (deposit)		809-810	41	1945		250 00	250 00
" " 809 (deposit)		811	41	1945		200 00	200 00
TOTAL—EXHIBIT A.					4,872,398 94	23,160 42	4,895,559 36

# TRUST NOTES PAYABLE

August 31, 1945

SECURED BY  
LAND AND  
BUILDINGS

	PAYEE AND DATE DUE	INTEREST RATE	PRINCIPAL
A	RIGGS NATIONAL BANK \$6,250 due September 23 and quarterly thereafter until September 23, 1946, when the remaining balance is due.	4½%	101,250 00
B	WASHINGTON LOAN AND TRUST Co. Due \$4,000 December 14, 1945; \$4,000 December 14, 1946; \$180,000 December 14, 1947.	4%	188,000 00
C	Due February 21, 1950.	4%	100,000 00
D	Due August 17, 1948.	4%	45,000 00
E	Due March 28, 1947.	4%	25,000 00
F	AMERICAN SECURITY AND TRUST Co. Due December 17, 1945	4%	115,000 00
G	Due April 13, 1946.	5%	6,000 00
H	PERPETUAL BUILDING ASSOCIATION Due \$37.50 per month including interest until September 28, 1950, when the remaining balance is due.	5%	4,790 44
H	Due \$37.50 per month including interest until August 15, 1950, when the remaining balance is due.	5%	4,782 39
TOTAL—EXHIBIT A			589,822 83

# **EQUIPMENT—INVESTED IN PLANT** For the Year Ended August 31, 1945

	BALANCE August 31, 1944	ADDITIONS AND DEDUCTIONS 1944-45	BALANCE August 31, 1945
Administration.....	60,404.83	1,310.30	61,715.13
Arts and Sciences.....	87,672.42	1,136.86	88,809.28
Duplicating Bureau.....	1,774.50	.....	1,774.50
Gymnasium.....	2,797.87	129.50	2,927.37
Hospital.....	45,512.82	.....	45,512.82
Law School.....	1,739.63	.....	1,739.63
Library Books.....	72,849.43	4,769.44	77,618.87
Arts and Sciences.....	57,457.98	3,268.50	60,726.48
Law School.....	14,118.42	1,000.00	15,118.42
School of Medicine.....	1,830.55	92	1,831.47
School of Pharmacy.....	83,983.99	1,991.64	85,975.63
Lisner Auditorium.....	24,467.62	24,567.19	24,567.19
Lisner Hall.....	35,024.65	1,964.66	36,989.31
Mechanical Laboratory.....	56,090.62	2,290.19	58,380.81
School of Medicine.....	6,307.95	105.23	6,413.18
School of Pharmacy.....	9,538.47	431.89	9,970.36
Staughton Hall.....	18,117.63	.....	18,117.63
Strong Hall.....	7,304.14	(-2.06)	7,302.08
Student Club.....	586,993.52	18,496.64	605,490.16

TOTAL—EXHIBIT A.....



UNIVERSITY FUNDS		Balance August 31, 1944	Receipts	Disbursements		Balance August 31, 1945 Exhibit C
MISCELLANEOUS						
Administrative Reserve Fund		3 18				3 18
American Foundation, Pharm. Ed. Schol. Fund		400 00	400 00		Scholarships	400 00
Drs. Freeman and Watts' Fellowships		708 03			Fellowships	100 00
Harryman Dorsey—Public Law Lectures Fund			1,000 00			608 03
" " Scholarships		560 00	224 00			1,000 00
Hospital—Equipment						784 00
Dermatology			600 00			600 00
General			20 00			20 00
Ophthalmology		100 00	5 00			105 00
Physical Therapy			26,981 26			26,981 26
Hospital—General						
Amity Relief Club		75 12			To Schedule 1	7 08
Cancer Clinic			582 75			68 04
General Edwin M. Watson		10 00			To Schedule 1	582 75
Plasma Bank Deposits		478 08	25 00		To Schedule 1	
Insurance Square Club Fund		100 00			To Schedule 12	451 93
Kane Prize Fund			100 00		Prize	
Kellogg Medical Technology Scholarship Fund		1,550 00			Scholarships	50 75
Key Deposits		268 00	274 50		Refunds	1,100 00
Kimmel Hospital Fund		3,071 70				414 25
Library Books						3,071 70
Class of 1945			58 75		Library Books	58 75
Council of Religious Organizations		504 83				503 21
Hellenic Society		35 00	170 00			205 00
Henry F. Butler		50 00				50 00
Harry C. Davis		25 00				25 00
Lincoln Arc Welding Foundation			100 00		Library Books	100 00
Society of Sigma Xi		36 75			Library Books	3 19
Women's Auxiliary D. C. Pharm. Ass'n		92				
Maripan Scholarship Fund			250 00		To Schedule 12	250 00
Plumbing and Heating Institute		310 71			Scholarships	6 00
United Airlines Scholarship Fund		106 00				82 94
University Press—"The Supreme Court"		82 94				
		8,476 26	30,791 26			1,742 54
						37,524 98

**CURRENT FUNDS RESTRICTED—UNEXPENDED (Continued)**  
For the Year Ended August 31, 1945

UNIVERSITY FUNDS (Continued)	Balance August 31, 1944	Receipts	DISBURSEMENTS			Balance August 31, 1945 Exhibit C
			Salaries	Other Expense	Total Schedules 1 and 2	
<b>ORGANIZED RESEARCH</b>						
Department of Chemistry		1,950.00	1,200.00	136.49	1,336.49	613.51
Lederle Laboratories...		3,600.00	3,865.50	112.98	3,978.48	873.88
School of Medicine		500.00	390.00	99.84	489.84	1,754.65
Baxter Laboratories	1,252.36	600.00	125.00			3,917.14
Cardiology Fund	1,744.49	538.00				
Cecilia Cummings Fund	3,442.14	657.00				
Food and Drug Administration				538.00	538.00	
Helen F. Hutchins Fund	131.55			565.46	565.46	
Johnson and Johnson Surgery Fund	1,310.00	10,000.00	7,805.23	905.50	8,710.73	223.09
Lederle Laboratories	7,035.53	3,000.00	400.00	1.94	401.94	1,310.00
Milbank Memorial Fund		485.41		304.01	304.01	8,324.80
Muthers' Health Clinic		(-555.89)		5.07	5.07	2,598.06
Sandoz Chemical Fund	560.96					181.40
School of Pharmacy						
Allied Chemical and Dye Corporation	3,829.78		2,400.00	679.63	3,079.63	750.15
American Cyanamid and Chemical Co.	5,000.00		2,900.00	1,488.31	4,388.31	611.69
Certified Products, Inc.	1,002.05		750.00			252.05
Centaur Co., Chattanooga Medicine Co.	49.19	3,350.00	2,900.00	319.31	3,219.31	179.88
E. I. du Pont de Nemours and Co.		9,500.00	4,460.00	2,272.62	6,732.62	2,767.98
Northam Warren Corporation		384.00	301.20	82.80	384.00	
Proprietary Association	26.61	6,800.00	6,000.00	444.92	6,444.92	382.59
Riedel de Haren, Inc.	6.72			6.72	6.72	
White Laboratories		1,000.00	750.00	138.40	888.40	111.60
United States Government		1,778.39	1,375.00	403.39	1,778.39	
Navy Department						
Office of Emergency Management						
Office of Scientific Res. and Development						
Oil Mar-27	240,680.34	3,850,925.39	1,486,194.93	2,503,511.85	3,989,706.78	101,898.95
Oil Mar-1356		69,725.30	39,746.29	29,979.01	69,725.30	
O.E. Mem-464		3,209.55	2,100.00	1,109.55	3,209.55	
Sym-6233		219.51	212.91	6.60	219.51	
Quartermaster Corps		16,052.07	10,089.43	5,962.64	16,052.07	
W44-109-qm-329		744.74	699.99	44.75	744.74	
W44-109-qm-675						
W Department		5,799.97	2,544.37	3,255.60	5,799.97	
W-43-079-E AST (S.C. MDW)-1, 2, 3....	266,071.72	3,990,263.44	1,577,209.85	2,552,374.49	4,129,584.34	126,750.82

**Agency Funds**

	Balance August 31, 1944	Deposits	Withdrawals	Balance August 31, 1945 Exhibit C
American Association of University Professors.....	24 13	21 00		18 88
Engineers' Club Room Fund.....	199 93		26 25	199 93
Engineers' Library Fund.....	45 00			45 00
Gate and Key Fraternity.....	79 27			79 27
G. W. U. Flower Fund.....	92			92
Homecoming Celebration.....	144 82			144 82
Omicon Delta Kappa Fraternity.....		73 17	64 00	9 17
Order of Artus.....	86 91	34 00	39 20	81 71
Office of Scientific Research and Development				
Pinto, W. Va.—Bus Fares.....	716 80	3,899 75		4,546 55
Safety Shoes.....	396 84	842 16		1,239 00
Other Income.....	300 00	3,110 00		
Phi Beta Kappa Fraternity.....	74 89	297 74	3,410 00	
Phi Eta Sigma Fraternity.....	32 51	76 14	89 56	76 65
Pi Gamma Mu Fraternity.....	49 49	115 65	22 40	19 09
Student Veterans Club.....	10 08	654 00	664 00	162 74
Swisher History Club.....	120 75			120 75
	2,282 26	9,075 37	4,613 15	6,744 48



**CURRENT FUNDS RESTRICTED—UNEXPENDED (Continued)**  
**For the Year Ended August 31, 1945**  
**INCOME OF ENDOWMENT AND PLANT FUNDS**

FUNDS	Balance August 31, 1944	Net Income for Year	DISPOSITION			Balance August 31, 1945 Exhibit C
			Current Operations	Added to Principal	Transfers	
ENDOWMENT FUNDS (Schedule 12)						
UNRESTRICTED						
Acker		9 65	9 65			
Alumni Endowment		18 69	18 69			
Campaign, 1923-24		6,004 42	6,004 42			
Corcoran		7,079 59	7,079 59			
Haggett		32 15	32 15			
King, W. B.		620 89	620 89			
Subscription Gifts, 1845-51		402 74	402 74			
Syma		48 23	48 23			
Trustees		352 89	352 89			
Withers		864 66	864 66			
			15,433 91			
SCHEDULE 1						
RESTRICTED						
Fellowship						
Sanders	1,831 72	7,330 67	5,162 00			4,000 39
Professorship						
Alumni Professorship		26 67	26 67			
Carroll	174 94	16 07				
Congressional		5,103 13	5,103 13			191 01
Derew		7,244 36	6,000 00	1,244 36		
Elton		466 49	466 49			
Yulce	2,795 17	160 72				
School						
Government						
Scottish Rite		37,068 08	37,068 08			2,955 89
Medical						
Borden		88 69		88 69		
Cooper		321 54				
Gardner	4,639 06	144 26				
Lewis		1,038 53	144 26			
School of Medicine Fund		1,038 53	1,038 53			
Shaw		166 64	166 64			
Pharmacy		232 20	232 20			
Chase		321 54				321 54
						4,960 60

Miscellaneous	258.86	160.72	268.86	32.15
Art and Archeology*		32.15		
Ellison D.A.R. Fund (see Schedule 11)		370.96		2,994.78
Graduate	2,623.82	160.72		309.26
Howard Library Fund	148.54	32.15		55.31
Meyer Library Fund	23.18	64.29		281.90
Swinber Alcott Book Fund	217.61			
SCHEDULE 1				
Hospital		55,729.54		
Chapman		39.42		
General		36.98		
Houser		78.60		
Kuhlbank		31.79	31.79	
National Park Seminary		16.07		
Reinhardt		16.07		
Tree		321.54		
Women's Board		32.15		
Woodbury		321.54		
SCHEDULE 1				
Non Educational		830.22		
Prize				
Burns	44.83	32.15		46.98
Cowles	45.58	85.21		70.79
Crossant	38.76	32.15		40.91
Cutter	68.32	32.15		65.47
Davis	175.32	22.51		167.83
Evans	23.21	36.17		29.38
Fitch	301.47	32.15		293.62
Goddard	209.25	177.46		246.71
Hubbard	101.18	32.15		135.33
Larner	27.83	28.72		27.05
Ordronaux	177.90	160.72		213.62
Ruggles	39.40	16.07		40.47
Sterrett	54.40	9.65		70.47
Staughton-Eilton	70.64	32.15		80.29
Swisher	108.80	32.15		140.95
Walsh	173.67	160.72		205.82
Weddell	306.48			467.20
PRIZES AWARDED				
		561.50		

# CURRENT FUNDS RESTRICTED—UNEXPENDED (Continued)

For the Year Ended August 31, 1945

## INCOME OF ENDOWMENT AND PLANT FUNDS

Funds	Balance August 31, 1944	Net Income for Year	DISPOSITION			Balance August 31, 1945 Exhibit C
			Current Operations	Added to Principal	Transfers	
<b>ENDOWMENT FUNDS (Continued)</b>						
Restricted (Continued)						
Non-Educational (Continued)						
Scholarship						
Andrews.....	458.65	177.27	166.67			469.25
Carr.....	3,236.22	2,056.67	470.00			4,802.89
Carter, H. H.....	544.02	160.72				704.74
Carter, M. M.....	108.80	32.15				140.95
Columbian Women Funds						
Brown.....	43.48	38.58	43.48			38.58
Chamberlain.....	83.33	73.95	83.33			73.95
College Women's.....	18.12	16.07	18.12			16.07
Founders of Columbian Women	181.15	160.72	181.15			160.72
Hutton.....	181.15	160.72	181.15			160.72
Knapp.....	181.15	160.72	181.15			160.72
Wilson.....	36.23	32.15	36.23			34.81
Davis.....	68.98	32.15	32.15			86.13
Furham.....	188.80	32.15	32.15			110.95
Harvey.....	412.35	119.49	119.49			346.84
Kendall.....	215.91	191.63	192.00			127.63
King, Isabella Osborn	28,729.08	1,268.72	279.91			29,997.80
Morehouse.....	163.21	48.77				211.44
Pearson.....	9,301.30	1,341.85		8,268.10		60.77
Powell.....	807.49	129.00	240.00			2,374.95
Spencer.....	13,557.59	64.29				758.49
Stone.....	272.00	242.10				253.29
Swisher.....	147.20	80.38				1,057.69
Walker.....	71.49	19.29				352.38
Withington.....			(40.00)			150.00
Woodhull.....			10.00			180.78
Endowment net income		84,556.57				
Scholarships awarded		2,185.53				



**PLANT FUNDS (Schedule 13)**

**PLANT ADDITIONS**

Class of 1939 Women's Unit No. 3.....	25 64	19 92	25 64
Georgia Building.....	200 00	19 92	19 92
Georgia Washington Memorial.....	99 98	200 00	200 00
Ohio Section of The G. W. Memorial Association.....	2,874 55	99 98	99 98
Pairo.....	182 92	2,874 55	182 92
Schwab.....	113 26	182 92	113 26
Student Union Furnishings.....	240 78	113 26	113 26
Women's Activities Building.....	.....	240 78	240 78
<b>SCHEDULE 1.....</b>	<b>61,135.54</b>	<b>2,874.55</b>	<b>301.01</b>
		<b>77,615.25</b>	<b>10,676.16</b>
			<b>60,856.74</b>

- Income transferred to the American School of Classical Studies at Athens.
- ▲ Income transferred to The Women's Board of The George Washington University Hospital.
- † \$2,185.53 expended for Scholarships is included in "Student Fees", Schedule I.
- ‡ Income used for Athletics.



# CHANGES IN PRINCIPAL OF LOAN FUNDS

For the Year Ended August 31, 1945

Funds (Description on Page 72)	Balance August 31, 1944	Increases			Decreases	Balance August 31, 1945
		Income of D.C.—D.A.R. Endowment Fund	Gifts (Refer to Page 71)	Interest on Loans	Refunded to U. S. Government	
D.C.—D.A.R. Loan Fund.....	1,896.43	160.72		52.51		2,109.66
George Washington Law Association Loan Fund.....	568.00		100.00			668.00
Home Economics Loan Fund.....	153.00		35.00			188.00
Kellogg Medical School Loan Fund.....	15,043.48			41.63		15,085.11
Kellogg Medical Technology Loan Fund.....	2,000.00					2,000.00
Student Loan Fund.....	8,036.50			12.71		8,049.21
Sutherland Medical School Loan Fund.....	1,175.00					1,175.00
War Loan Fund.....	15,990.74				1,648.59	14,342.15
TOTALS—EXHIBIT D.....	44,863.15	160.72	135.00	106.85	1,648.59	43,617.13

SCHEDULE 11



For the Year Ended August 31, 1945

ENDOWMENT FUNDS (Description on Pages 73-82)	Balance August 31, 1944	INCREASES			Decreases	Balance August 31, 1945
		Gifts (Page 71)	Investment Income	Transferred from Schedule 10	Gain on Sale of Investments	
UNRESTRICTED						
Acker	300.00					300.00
Alumni Endowment	581.20					581.20
Campaign, 1923-24	186,739.38					186,739.38
Corcoran	220,155.76					220,155.76
Haggett	1,000.00					1,000.00
King, W. B.	19,464.69					19,464.69
Subscription Gifts, 1845-51	12,525.56					12,525.56
Sims	1,500.00					1,500.00
Trustees'	1,420.90					1,420.90
Withers	26,891.46		(-307.55)	410.71		26,891.46
RESTRICTED						
Fellowship						
Spiders	206,154.75				1,623.69	207,778.44
Professorship						
Alumni Professorship	829.49					829.49
Carroll	500.00					500.00
Congressional	158,709.04					158,709.04
Depew	165,817.73		1,244.36			164,740.36
Ellen	14,508.19					14,508.19
Yule	5,000.00					5,000.00
School						
Government						
Scottish Rite	1,000,000.00					1,000,000.00
Medical						
Borden	2,758.26					2,758.26
Cooper	10,000.00		88.69			10,088.69
Gardner	4,486.55					4,486.55
Leach	32,298.60					32,298.60
School of Medicine Fund	4,820.00	948.00				5,768.00
Sharpe	8,000.01					7,940.01
Pharmacy						
Gibbs	10,000.00				60.00A	10,000.00
Hospital						
Chapman	1,225.90					1,225.90
General	1,100.00	100.00				1,200.00
Houser		2,500.00				2,500.00
Kuhlbank	988.55		31.79			1,020.34
National Park Seminary	500.00					500.00
Reinhardt	1,000.00					1,000.00
Tree	1,000.00					1,000.00
Women's Board	10,000.00					10,000.00
Woodbury	10,000.00					10,000.00



CHANGES IN PRINCIPAL OF ENDOWMENT FUNDS (Continued)

For the Year Ended August 31, 1945

RESERVE FOR PROTECTION OF INVESTMENTS (Description on Page 72)	Balance August 31, 1944	Increase	Decreases	Explanation	Balance August 31, 1945
Consolidated Endowment Funds	30,532.98	3,701.80		10% of Consolidated Endowment Funds net income.	33,565.54
Scottish Rite Fund	42,088.53	9,530.75	669.24	Net loss on sale of investments.	51,619.28
				Net gain on sale of investments.	
TOTALS—EXHIBIT E	72,621.51	13,232.55	669.24	TOTAL—EXHIBIT E	85,184.82

SCHEDULE 12—PAGE 2

CHANGES IN PRINCIPAL OF PLANT FUNDS—UNEXPENDED  
For the Year Ended August 31, 1945

Funds (Description on Page 83)	Balance August 31, 1944	Increases	Decreases	Explanation	Balance August 31, 1945
<b>PLANT ADDITIONS</b>					
Class of 1929 Women's Unit No. 3	348 14	25 64 A		Income.....	373 78
General Building Fund	270 56	19 92 A		Income.....	290 48
George Washington Memorial Fund	32,162 63	200 00 A		Income.....	
"	"		19,319.43 A	Auditorium construction.	
"	"		1,991.64 B	Auditorium equipment.	
"	"			Income.....	11,051 56
Ohio Section of G. W. Mem. Ass'n.	1,157 92	99 98 A			1,437 80
Patrol	126,951 71				126,951 71
Student Union	2,438 12	182 92 A		Income.....	2,667 04
Student Union Furnishings	1,833 46	113 25 A		Income.....	1,651 32
Women's Activities Building	3,632 21	240 78 A		Income.....	
"	"	604 83 B		Gifts.....	3,877 84
<b>TOTALS—EXHIBIT F.....</b>	<b>168,145.25</b>	<b>1,487.35</b>	<b>21,311.07</b>	<b>TOTAL—EXHIBIT F</b>	<b>148,321.53</b>



RETIREMENT OF DEBT Reserve for Reduction of the Note Payable of Current and Plant Funds to Consoli- dated Endowment Funds Principal— EXHIBIT F.....	19,458.34	19,458.34	Transferred to Surplus—EXHIBIT B.
RESERVE FOR PROTECTION OF INVESTMENTS—EXHIBIT F.....	3,488.68	478.75	Gain on sale of investments . . . EXHIBIT F
			3,967.43

### RECAPITULATION OF CHANGES IN PRINCIPAL OF FUNDS FOR PLANT ADDITIONS

Increases		Decreases	
A	Investment income.....	882.50	A Land and Buildings—Invested in Plant.....19,319.43
B	Gifts.....	604.85	B Equipment—Invested in Plant.....1,991.64
	TOTAL—EXHIBIT F.....	1,487.35	TOTAL—EXHIBIT F.....21,311.07



## PRIZES—SCHEDULES 1 AND 2

100 00	135 00
35 00	

George Washington Law Association Loan Fund—Thomas A. Larremore.  
Home Economics Loan Fund—D. C. Home Economics Association. . . . .

**ENDOWMENT FUNDS (Schedule 12)**

General Medicine Fund—Dr. Turner Reuter.	200 00
" " " " " "	188 00
" " " " " "	200 00
" " " " " "	400 00
MISCELLANEOUS	
Ellison Fund—Newell W. Ellison	1,000 00
Graduate Fund—various donors	617 00
HOSPITAL	
General Hospital Fund—Haroldson Hunt.	
Paize	
Cowles Prize Fund—John H. Cowles	1,000 00
Evans Memorial Award Fund—Mr. and Mrs. Joshua Evans, Jr.	100 00
SCHOLARSHIP	
Pearson Scholarship Fund—Dr. Paul Pearson	

## PLANT ADDITIONS

TOTAL GIFTS AND GRANTS.

4,032,708.12



# DESCRIPTION OF LOAN FUNDS

August 31, 1945

DISTRICT OF COLUMBIA D. A. R. LOAN FUND Created from income of the D. C.—D. A. R. Endowment Fund. To be loaned to descendants of patriots of the American Revolution	2,109.66
GEORGE WASHINGTON LAW ASSOCIATION LOAN FUND Gift of the George Washington Law Association to be loaned to students of the Law School	668.00
HOME ECONOMICS LOAN FUND Created in 1940 by the D. C. Home Economics Association to be loaned to senior girls majoring in Home Economics	188.00
KELLOGG LOAN FUND Gift of the W. K. Kellogg Foundation to be loaned to students of the School of Medicine	15,085.11
KELLOGG MEDICAL TECHNOLOGY LOAN FUND Gift of W. K. Kellogg Foundation in 1943, to be loaned to Medical Technologists in Training at the School of Medicine	2,000.00
STUDENT LOAN FUND Created by the University to make short time loans for educational purposes	8,049.21
SUTHERLAND LOAN FUND Created in 1941 by gifts of various donors, to be loaned to students of the School of Medicine	1,175.00
WAR LOAN FUND Created in 1942 by the United States Government to be loaned to students in technical and professional fields of National Defense	14,342.15

# DESCRIPTION OF ENDOWMENT FUNDS

August 31, 1945

## UNRESTRICTED FUNDS

<b>ACKER FUND</b>	
Bequest of George N. Acker, M. D., received in 1924, the income only to be used.	300 00
<b>ALUMNI ENDOWMENT FUND</b>	
Established by the Class of 1920, to be added to by succeeding graduating classes, the income only to be used.	581 20
<b>CAMPAIGN FUND 1923-24</b>	
Receipts from various donors, the income only to be used.	186,739 38
<b>CORCORAN FUND</b>	
Raised by authority of the Trustees of Columbian College and Columbian University between the years 1871-86, William W. Corcoran giving \$112,000 and the balance being obtained by general subscription, the income only to be used.	220,155 76
<b>HAGGETT FUND</b>	
Gift of Isabelle Barnes Haggett in 1941, the income only to be used.	1,000 00
<b>KING, W. B., FUND</b>	
Gift of William B. King, received in 1941 and 1942, the income only to be used.	19,215 50
<b>SUBSCRIPTION GIFTS FUND 1845-51</b>	
Raised by authority of the Trustees of Columbian College by general subscription between the years 1845-51, the income only to be used. (Formerly called the Poindexter Endowment Fund.)	12,525 56
<b>SYMS FUND</b>	
Bequest of Samuel Syms of West Hoboken, New Jersey, in 1891, the income only to be used.	1,500 00
<b>TRUSTEES FUND</b>	
Established by the Board of Trustees of the University in 1933, the income only to be used.	1,524 06
<b>WITHERS FUND</b>	
Raised by authority of the Trustees of Columbian College between the years 1851-70, John Withers of Alexandria, Virginia, giving \$16,000, the balance being obtained by general subscription, the income only to be used. (Formerly called the Forty Thousand Dollar Endowment Fund).	26,891 46

# DESCRIPTION OF ENDOWMENT FUNDS (Continued)

August 31, 1945

## FELLOWSHIP FUND

### SANDERS FELLOWSHIP FUND

Bequest of Addie Sanders in 1928 in memory of her brother, Thomas Bradford Sanders, the income to be used for annual fellowships in various academic fields of study.....

207,778.44

## PROFESSORSHIP FUNDS

### ALUMNI PROFESSORSHIP FUND

Gifts of various alumni since 1911, the income to be used for the endowment of an alumni professorship in mathematics.....

829.49

### CARROLL PROFESSORSHIP FUND

Established by Mary A. Sharpe in 1928, in memory of Mitchell Carroll, the income to be used to provide revenue for a chair in Archeology.....

500.00

### CONGRESSIONAL PROFESSORSHIP FUND

Gift of the United States in 1832, by Act of Congress, of \$25,000 in city lots in Washington, D. C., to be sold, the proceeds invested, and the income to be used for professorships.....

158,709.04

### DEPEW COURSE IN PUBLIC SPEAKING FUND

Created by May Depew in 1936, the income to be used for the maintenance of a course to be known as the "Chauncey M. Depew Course in Public Speaking".....

164,740.36

### ELTON PROFESSORSHIP FUND

Bequest of Romeo Elton of Exeter, England, in 1872, the income to be used for a professorship of mental and moral philosophy, to be called the "Elton Professorship of Mental and Moral Philosophy".....

14,508.19

### YULEE ENDOWMENT FUND

Bequest of Nannie Yulee Noble in memory of her mother, Nancy Yulee, in 1929, the income to be used for lectures in home economics.....

5,000.00



# SCHOOL FUNDS

## GOVERNMENT

### SCOTTISH RITE ENDOWMENT FUND

Created by indenture December 27, 1928, by the Supreme Council of the Ancient and Accepted Scottish Rite of Freemasonry of the Southern Jurisdiction of the United States of America, as a permanent memorial to George Washington, The Mason. To be invested and the income used to establish and maintain a School or Department of Government.

Medical ..... 1,000,000 00

## MEDICAL

### BORDEN MEDICAL FUND

Created in 1932, by William Cline Borden, M. D., and Jennie Ella Borden, and since added to by Daniel LeRay Borden, the income to be applied to lectureships in medical science to be known as the "William Cline Borden Lectures on Surgery or Medical Science"

COOPER MEDICAL RESEARCH FUND ..... 2,846 95

Bequest of Eleanor J. Cooper in 1905, on certain terms since modified by the Supreme Court of D. C. as follows: the income to be used toward the establishment and maintenance, in connection with the Medical Department of the University, of a Research Laboratory, the work of this laboratory to be devoted to the investigation of the nature, causation, prevention, and cure of malaria and other infectious and contagious diseases

GARDNER MEDICAL SCHOOL FUND ..... 10,000 00

Bequest of William D. Gardner, received in 1928, the income to be used toward the support of the School of Medicine

LEWIS MEDICAL SCHOOL FUND ..... 4,486 55

Bequest of Samuel E. Lewis, received in 1925, the income to be used toward the support of the School of Medicine

SCHOOL OF MEDICINE ENDOWMENT FUND ..... 32,298 60

Created in 1940 by the gifts of various donors, the income to be used for the development of the program of the School of Medicine

SHARPE MEDICAL SCHOOL FUND ..... 5,768 00

Gift of Mary A., Elizabeth M., and Sallie Sharpe in 1924, the income to be used for the School of Medicine.

7,940 01

## PHARMACY

### GIBBS PHARMACY FUND

Gift of M. G. Gibbs in 1927, the income to be used to aid in establishing and maintaining a commercial pharmacy course in connection with the School of Pharmacy

10,000 00

# DESCRIPTION OF ENDOWMENT FUNDS (Continued)

August 31, 1945

## HOSPITAL FUNDS

CHAPMAN HOSPITAL FUND Bequest of Mrs. Susanna A. Chapman in 1911, the income to be used for the purposes of the free wards of the University Hospital.....	1,225.90
GENERAL HOSPITAL ENDOWMENT FUND Gifts of various donors, the income to be used toward the support of the University Hospital.....	1,200.00
HOUSER HOSPITAL FUND Bequest of E. Keller Houser, received in 1944, the income to be used to endow a room in memory of his daughter, Anna Victoria Houser.....	2,500.00
KUELBANK HOSPITAL FUND Bequest of Freda Kuhlbank, received in 1930, the income to be added to the principal until the principal shall be large enough to maintain a bed in the White Ward of the Hospital to be known as the "Freda Kuhlbank Bed".....	1,020.34
NATIONAL PARK SEMINARY HOSPITAL FUND Gift of students of National Park Seminary of Forest Glen, Maryland, in 1906, the income to be used toward the maintenance of a bed in the University Hospital.....	500.00
REINHARDT HOSPITAL FUND Bequest of Luisa Wynne Reinhardt in 1922, the income to be used for the benefit of the University Hospital.....	500.00
TREE HOSPITAL FUND Bequest of Lambert M. Tree of Chicago, in 1911, in memory of his mother, Mrs. Laura M. Tree, the income to be used to support and maintain one or more beds in the University Hospital, to be known as the "Laura M. Tree Bed or Beds".....	10,000.00
WOMEN'S BOARD HOSPITAL FUND Gift of the Women's Board of The George Washington University Hospital in 1925, the income to be used by the Women's Board for the benefit of the University Hospital.....	1,000.00
WOODBURY HOSPITAL FUND Bequest of Ellen DeG. Woodbury in 1909, the income to be used for the reception and treatment of female patients in the University Hospital.....	10,000.00

# PRIZE FUNDS

## BURNS MEMORIAL AWARD FUND

Gift of Persia Burns in 1937 in memory of her son, Byrne Thurtell Burns, the income to be used for an annual award in chemistry

1,000 00

## COWLES PRIZE FUND

Created in 1943 by John Henry Cowles, the income to be used for annual awards in the School of Government

3,000 00

## CROISSANT PRIZE FUND

Bequest of DeWitt Clinton Croissant, received in 1941, the income to be used to award an annual prize for excellence in dramatics or dramatic studies

1,000 00

## CUTTER PRIZE FUND

Gift of Marion Kendall Cutter in 1902, in memory of E. K. Cutter, the income to be used for an annual award for excellence in the study of English

1,000 00

## DAVIS PRIZE FUND

Gift of Isaac Davis of Worcester, Massachusetts, in 1847, the income to be used for annual awards to members of the senior class who have made the greatest progress in elocution since their connection with the College

700 00

## EVANS MEMORIAL AWARD FUND

Gift of friends of Joshua Evans III, the income to be used to establish a prize, as a memorial to an "outstanding life," to be awarded annually "to that man in the graduating class of The George Washington University who has demonstrated his signal ability in the social and political sciences and who has given promise of the interpretation of that ability in good citizenship among his fellows"

1,200 00

## FITCH PRIZE FUND

Gift of James E. Fitch in 1883 in memory of Willie E. Fitch, the income to be used for an annual award to a senior student for the best general examination in chemistry

1,000 00

## GODDARD PRIZE FUND

Gifts of Mary W. Goddard, Alice Douglas Goddard and Frederick J. Goddard of Georgetown, D. C., in 1923, in memory of Morgan Richardson Goddard, Edward Carrington Goddard and James Douglas Goddard; added to in 1941 by a gift of Frederick J. Goddard in memory of Alice Douglas Goddard. The income shall be used to award four cash prizes annually to the students making the highest averages in commerce, French language and literature, pharmacy, and American literature, respectively

5,519 00

## HUBBARD PRIZE FUND

Gift of Gertrude M. Hubbard in 1907, in memory of her husband, Gardiner C. Hubbard, the income to be used for an annual award for excellence in American history

1,000 00



# DESCRIPTION OF ENDOWMENT FUNDS (Continued)

August 31, 1945

## PRIZE FUNDS (Continued)

LARNER PRIZE FUND Request of John B. Lerner in 1933, the income to be used for an annual award in the Law School.	800 00
ORDRONAUX PRIZE FUND Request of John Ordronaux of Glen Head, New York, in 1909, the income to be used for annual awards in the Law and Medical schools.	5,000 00
RUGGLES PRIZE FUND Gift of William Ruggles (at one time Acting President of Columbian College) in 1859, the income to be used for an annual award for excellence in mathematics.	500 00
STAUGHTON-ELTON PRIZE FUND Gifts of Romeo Elton of Exeter, England, in 1860 and 1865, the income to be used for annual awards for excellence in the Latin and Greek languages, one to be called the Staughton Prize in Latin, the other the Elton Prize in Greek.	500 00
STERRETT PRIZE FUND Gift of the Reverend J. MacBride Sterrett, in 1911, in memory of his son, J. MacBride Sterrett, Jr., the income to be used for a gold medal to be awarded annually to the student obtaining the highest average in general physics.	300 00
SWISHER PRIZE FUND Gift of Charles Clinton Swisher, the income to be applied yearly to enlarging the sum set apart for the Historical Prize established in his name by the Historical Club, December 7, 1936.	1,000 00
WALSH PRIZE FUND Gift of Thomas F. Walsh of Washington, D. C., in 1901, the income to be used for an annual award for the best essay on some topic in Irish history.	1,000 00
WEDDELL PRIZE FUND Gift of Virginia Chase Weddell in 1923, the income to be used to award annually the Alexander Wilbourne Weddell Prize, to the student submitting the best essay upon the general subject of the promotion of peace among the nations of the world.	5,000 00

# SCHOLARSHIP FUNDS

## ANDREWS MEMORIAL SCHOLARSHIP FUND

Gift of Belle Fisk Andrews in 1920 in memory of her husband, Byron Andrews, the income to be used for scholarships "for ambitious and needy students of English, Latin, journalism, history, literature, or political science."

5,000.00

## CARR SCHOLARSHIP FUND

Bequest of Emma K. Carr of Moorefield, West Virginia, in 1932, the income to be used for scholarships for young white men

50,294.91

## CARTER, H. H., SCHOLARSHIP FUND

Gift of Maria M. Carter in 1896, in memory of her husband, Henry Harding Carter, the income to be used for scholarships in Civil Engineering

5,000.00

## CARTER, M. M., SCHOLARSHIP FUND

Gift of Maria M. Carter in 1871, the income to be used for a scholarship for a young man.

1,000.00

## COLUMBIAN WOMEN FUNDS

### BROWN SCHOLARSHIP FUND

Created by the College Women's Club of Washington, D. C., in 1925, in memory of Elizabeth V. Brown, the income to be used for scholarships in the School of Education

1,200.00

### CHAMBERLIN SCHOLARSHIP FUND

Created by the Columbian Women of The George Washington University in 1932 in memory of Grace Ross Chamberlin, the income to be used for scholarships for young women

2,300.00

### COLLEGE WOMEN'S SCHOLARSHIP FUND

Gift of the College Women's Club of Washington, D. C., in 1926, the income to be used for scholarships

500.00

### FOUNDERS OF COLUMBIAN WOMEN SCHOLARSHIP FUND

Created by the Columbian Women of The George Washington University in 1920, the income to be used for scholarships for women in Columbian College

5,000.00

### HERRON SCHOLARSHIP FUND

Created by the Columbian Women of The George Washington University in 1925 in memory of Lillian Young Herron, the income to be used for scholarships for women in Columbian College. (Formerly Third Columbian Women Scholarship Fund)

5,000.00

### KNAPP SCHOLARSHIP FUND

Gift of the Columbian Women of the George Washington University in 1915, in memory of Nellie Maynard Knapp, the income to be used for scholarships for women

5,000.00

### WILSON SCHOLARSHIP FUND

Gift of Elizabeth Wilson in 1926 in memory of her parents Lewes D. and Myrtie H. Wilson, the income to be used for a scholarship in the School of Medicine

1,000.00

# DESCRIPTION OF ENDOWMENT FUNDS (Continued)

August 31, 1945

## SCHOLARSHIP FUNDS (Continued)

<b>DAVIS SCHOLARSHIP FUND</b> Gift of Isaac Davis of Worcester, Massachusetts, in 1869, the income to be used for a scholarship.....	1,000.00
<b>FARNHAM SCHOLARSHIP FUND</b> Gift of Mrs. Robert Farnham in 1871, the income to be used for a scholarship in Columbian College.....	1,000.00
<b>HARVEY SCHOLARSHIP FUND</b> Bequest of Emma Elizabeth Harvey in memory of her daughter, Elma Lewis Harvey, received in 1923, the income to be used for a scholarship in Columbian College for young women of the Protestant faith and of the Caucasian race.....	4,960.25
<b>KENDALL SCHOLARSHIP FUND</b> Gift of Amos Kendall in 1869, the income to be used for a scholarship now designated by the Board of Trustees as one of the two High School Scholarships assigned to Central High School.....	5,959.61
<b>KING MEMORIAL SCHOLARSHIP FUND</b> Bequest of Isabella O. King, received in 1928, the income to be used to provide a fellowship in biology.....	39,457.56
<b>MOREHOUSE SCHOLARSHIP FUND</b> Gift of A. Morehouse in 1941, the income to be used for scholarships for undergraduates intending to enter the Christian ministry.....	1,500.00



<b>PEARSON SCHOLARSHIP FUND</b> Bequest of Dr. Paul Pearson, received in 1944, the income to be used for a scholarship in the School of Pharmacy.....	2,839.80
<b>POWELL SCHOLARSHIP FUND</b> Gift of Levin M. Powell in 1886, the income to be used to train young men for entrance in the United States Naval Academy or to fit them to become mates and masters in the Merchant Marine Service of the United States.....	50,000.00
<b>SPENCER SCHOLARSHIP FUND</b> Gift of Louisa J. Spencer, received in 1918, the income to be used for a scholarship.....	7,434.20
<b>STONE SCHOLARSHIP FUND</b> An anonymous gift in 1893 in memory of Mary Lowell Stone, the income to be used for scholarships for women students of science in Columbian College.....	2,000.00
<b>SWISHER SCHOLARSHIP FUND</b> Gift of Dr. Charles Clinton Swisher in 1941, the income to be used to award the Charles Clinton Swisher Scholarship in Medieval History.....	7,529.55
<b>WALKER SCHOLARSHIP FUND</b> Gift of William Walker of Putnam County, Georgia, in 1824, the income to be used for a scholarship for an undergraduate intending to enter the Christian ministry.....	2,500.00
<b>WITHINGTON SCHOLARSHIP FUND</b> Gift of the New York Baptist Theological Seminary, on behalf of John Withington, of New York, in 1830, the income to be used for a scholarship to be named the Withington Scholarship.....	1,953.13
<b>WOODHULL SCHOLARSHIP FUND</b> Bequest of Ellen M. E. Woodhull, received in 1921, the income to be used for scholarships in Columbian College.....	600.00

# DESCRIPTION OF ENDOWMENT FUNDS (Continued)

August 31, 1945

## MISCELLANEOUS FUNDS

DISTRICT OF COLUMBIA D. A. R. FUND	
Gifts by chapters in the District of Columbia, the income to be added to the D. C.—D. A. R. Loan Fund	5,000 00
ELLISON FUND	
Gift of Newell W. Ellison in 1945	1,000 00
GRADUATE ENDOWMENT FUND	
Created by the Class of 1926 to be used for the acquisition of sites, erection of buildings, and maintenance and purchase of equipment. Only the income may be used until Fund reaches \$50,000 when income, and principal over \$50,000, may be used	11,656.57
HOWARD LIBRARY FUND	
Gift of Colonel Deane Childs Howard in 1943 in memory of Captain Deane Childs Howard, Jr., the income to be used for the benefit of the Library	5,000 00
MEYER LIBRARY FUND	
Gift of Eugene Meyer in 1944, the income to be used to purchase books for the Library	1,000 00
SWISHER ALCOVE BOOK FUND	
Gift of Dr. Charles Clinton Swisher, in trust for the Historical Society of the University, the income to be used for the purchase of books for the Swisher Alcove in the Library	2,000 00

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## RESERVES FOR PROTECTION OF INVESTMENTS OF ENDOWMENT FUNDS

RESERVE FOR PROTECTION OF CONSOLIDATED ENDOWMENT FUNDS INVESTMENTS	
Created from gains arising from the sale of investments, and by setting aside annually a portion of the net income of Consolidated Endowment Funds assets	33,565.54
RESERVES FOR PROTECTION OF SCOTTISH RITE ENDOWMENT FUND INVESTMENTS	
Created from gains arising from the sale of Scottish Rite investments	51,619.28

# DESCRIPTION OF PLANT FUNDS—UNEXPENDED

August 31, 1945

## PLANT ADDITIONS

CLASS OF 1929 WOMEN'S UNIT No. 3 FUND	
Gifts from the women members of the Class of 1929 to be used to aid in the building of Unit No. 3.	373.78
GENERAL BUILDING FUND	
An open subscription fund, created in 1916, to be continued and increased indefinitely. To be used for the purchase of sites, buildings, equipment; to remodel and rebuild; and to pay off obligations.	290.48
GEORGE WASHINGTON MEMORIAL FUND	
Transfer of the assets of the George Washington Memorial Association to the University to be used toward the erection and equipping of the auditorium.	11,051.56
OHIO SECTION OF THE GEORGE WASHINGTON MEMORIAL ASSOCIATION FUND	
Gift of the Ohio Section of the George Washington Memorial Association to be used to erect a memorial.	1,457.80
PAIRO FUND	
Created by Richard E. Pairo, by devise and bequest, for the use and benefit of athletics of the University.	126,951.71
SCHWAB FUND	
Bequest of Marianna F. Schwab to be used for hospital building purposes.	2,667.04
STUDENT UNION FURNISHINGS FUND	
Created in 1931 by various contributions, to furnish and equip a student union building.	1,651.32
WOMEN'S ACTIVITIES BUILDING FUND	
Created in 1939 by gifts of various donors to erect a women's activities building.	3,877.84
RESERVE FOR PROTECTION OF INVESTMENTS OF PLANT FUNDS	
Created from gains arising from the sales of investments, and by having set aside annually (through the year 1937-1938) a portion of the income of Consolidated Plant Funds Investments.	3,967.43





THE  
GEORGE  
WASHINGTON  
UNIVERSITY

BULLETIN

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FIELDS OF RESEARCH

THE GRADUATE COUNCIL

1946



WASHINGTON, D. C.

FEBRUARY 1946

## THE GRADUATE COUNCIL

The fields of research listed in this announcement have been authorized by the Graduate Council as those in which doctoral investigations and dissertations may be undertaken. The supporting fields of study required of all candidates for the degree of Doctor of Philosophy are specified for each individual student by his Consultative Committee before admission to study under the Council.

This list of fields is subject to such change as the educational resources of the University may direct. The prospective student may address preliminary inquiries concerning his research interests to the member of the Council who is in charge of the field, or to the Chairman of the Graduate Council.

## FIELDS OF RESEARCH

### BACTERIOLOGY

(1) Intestinal Bacteriology, particularly Coliform Bacteria; (2) Immunity in Tuberculosis; (3) Problems in Medical Bacteriology with especial reference to Diagnostic Methods and Immunization. *Directed by* LELAND WILBUR PARR.

Immunology: Antigenic Analysis. *Directed by* ANGUS MACIVOR GRIFFIN.

Virology. To be arranged.

### BIOCHEMISTRY

(1) Carbohydrate Metabolism; (2) Nutrition (emphasis on vitamins); (3) Pathological Chemistry. *Directed by* JOSEPH HYRAM ROE.

### BOTANY

Plant Ecology. *Directed by* ROBERT FISKE GRIGGS.

(1) Mycology; (2) Plant Pathology. *Directed by* WILLIAM WEBSTER DIEHL.



## CHEMISTRY

Organic: (1) Ide Practices and Anti-Trust Laws.  
COLIN MACKENZIE; RFIELD OPPENHEIM.

Organic. *Directed by* CHARLES SAGER COLLIER.

Inorganic. *Directed by*

Physical: Solubility; (1) Nineteenth Century Drama; (2) Seventeenth Century Drama.  
by FRED SALISBURY TUPPER.

VAN EVERA. *Directed by* GEORGE

## ECONOMICS

ationalism. *Directed by* ROBERT

International: (1)  
national Trade; Philology; (2) Comparative Philology.  
JOHN DONALDSON; RY SEHRT.

Economic Theory; (1) Old Romance Linguistics; (2) Old and  
Economic Thought; Old Spanish. *Directed by* HENRY

Economic Policy: (1) Old Spanish Literature. *Directed by* ANTONIO  
*Directed by* DONALD

(1) National Inculture. To be arranged.  
GERHARD COLM.

## EDUCATION

*Directed by* FRANCIS EDGAR JOHNS-

American: History  
WILLIAM CULLEN Geometry. *Directed by* JAMES

## HISTORY

1. *Directed by* FLORENCE MARIE

European: (1) Mo  
History. *Directed by*

1 Drug Metabolism. *Directed by*

European: National

United States: (1)  
WOOD GRAY.

2. *Directed by* THOMAS BENJAMIN

United States: (1)  
HOWARD MAXWELL

3. (1) Nuclear; (2) Nuclear; (3) Astrophysics.

Latin American: (1) PNY GAMOW.

ica; (2) Nineteenth State. *Directed by* RAYMOND JOHN  
American Relations

THE GEORGE WASHINGTON UNIVERSITY  
1821

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The Junior College  
1930

Columbian College (the Senior College)  
1821

The Graduate Council  
1893

The School of Medicine  
1825

The Law School  
1865

The School of Engineering  
1885

The School of Pharmacy  
1906

The School of Education  
1907

The School of Government  
1928

The Division of University Students  
1930

The Division of Special Students  
1944

The Division of Extension  
1940

The Inter-American Center  
1934

The Summer Sessions  
1916

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The University Hospital  
1898

*THE plan of work of the Graduate Council of The George Washington University as described in this pamphlet represents a practice which has been in effect since 1930. During the intervening years the Graduate Council restricted its operation to a few fields of research and a small number of students in order that careful observation could be made. With this experimental period now over, the University presents this account of a discipline for the degree of Doctor of Philosophy, in the knowledge that its procedures are successful in educational practice and that they are the means to a sound and effective program.*

ROBERT WHITNEY BOLWELL  
*Chairman of the Graduate Council*





# The Graduate Council

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The Degree of Doctor of Philosophy





THE DOCTORAL DISCIPLINE OF  
THE GEORGE WASHINGTON  
UNIVERSITY

THE GRADUATE COUNCIL of The George Washington University offers a program of advanced study and research leading only to the degree of Doctor of Philosophy. The Council was established in 1930 to provide a doctoral discipline which moves freely across administrative lines dividing departments of instruction or fields of study. Graduate work for both the Doctor's and the Master's degrees had been directed by

the Graduate School, which the Graduate Council replaced. The distinction in method and purpose between these two disciplines was made in the assignment of the degrees of Master of Arts and Master of Science to other divisions of the University, such as Columbia College, the School of Education, and the School of Government, which administer the Bachelor's degrees with which the Master's degrees are logically associated.

#### THE DEGREE OF DOCTOR OF PHILOSOPHY

THE PROGRAM for the degree of Doctor of Philosophy is made up of training for a career of creative scholarship, and comprises the study of related fields of learning and the investigation of a research project in the field of central interest. This training is not confined to the mastery of the particular materials and techniques necessary to the preparation of the required doctoral dissertation, but is designed to provide a broad background of knowledge and scholarship together with an understanding of research methods so that the graduate may continue independent studies and qualify as an authority in his subject.

## THE GRADUATE COUNCIL

THE GRADUATE COUNCIL is a company of scholars brought together through a common interest in advanced study and research; it is composed of members of the University faculty, associated specialists, and doctoral students. The faculty members are chosen because of their designated fields of research and their desire to train scholars in the methods and materials of their subjects. Research specialists, from governmental departments and laboratories, from other institutions of Washington and elsewhere, are invited into membership in order to supplement the Council's program. Doctoral students who have met all preliminary requirements and have passed the Council Fellowship Examination hold the status of Fellows of the Council.

The Council holds open meetings during the academic year at which individual research problems are presented and discussed. The Fellows report on their particular investigations and receive the suggestions and criticism of other members. Each Fellow works individually under the personal supervision of a professor or associated specialist on a program of study and research which has been set up for him. Such a program is not under the control of any department of instruction. Frequently it may be composed of



a group of fields which cut across the administrative lines marking departmental areas of study. In order to avoid mechanical production of large numbers of graduates, each student has his own committees, examinations, and research direction. Personal guidance and consideration of individual problems are regarded as more important than group regulation or instruction. No credits or grades from courses are required.

Faculty members of the Graduate Council meet in executive sessions in order to care for the educational business necessary to the operation of this plan.

#### ADMISSION REQUIREMENTS AND PROCEDURE

A STUDENT desiring admission to graduate work under the Council is required to possess adequate preparation for advanced study, including satisfactory Bachelor's and Master's degrees, or the equivalent, together with acceptable personal qualities and a capacity for creative scholarship. The previous graduate study should have been within the same general field of learning in which the student proposes to undertake his doctoral program.

The applicant must have capabilities and interests beyond the ability to assimilate organ-

ized materials in formal courses of instruction. Originality of mind combined with balanced judgment and accuracy in observation or experiment are necessary to the successful research scholar. The Council desires assurance that its graduates will utilize their training in subsequent careers of productive inquiry.

Without exception, a reading knowledge of both French and German as implements of scholarship is required of all students admitted to study under the Council, and in certain fields other foreign languages or additional subjects necessary to research may also be required. One of the language examinations, either French or German, must be passed before admission to study; the other within one year after admission for students on full-time schedule or a proportionate period for those on part-time schedule.

The applicant first arranges for a personal interview with the Chairman of the Council, at which time the applicant's central field of study and the University's facilities for guidance in such research are discussed. A preliminary interview with the professor in charge of the field, for the purpose of exploring the applicant's qualifications and the possibilities of an effective doctoral program, is also arranged. With the approval of the professor, an application form is

filled out and the applicant requests that transcripts of all previous academic records, together with report of the Graduate Record Examination if available, be sent directly to the Chairman of the Council. The Chairman then appoints a special admissions committee to consider the applicant. This committee consists of (a) personnel members and (b) consultative members who survey the applicant's personal and academic qualifications for doctoral work. The committee makes recommendations concerning admission to the Chairman of the Council, who presents the report to the Council for consideration and action. The personnel members of the committee are members of the Graduate Council, and are discharged upon rendering their recommendations. The consultative members of the committee include members of the faculty and associated specialists whose fields of study are closely related to the interests of the applicant.

If the committee recommends the admission of the applicant, the consultative members continue to serve as the student's Consultative Committee, which prescribes and directs his program of studies. The committee may require the applicant to take certain courses of instruction or pass written tests before making recommendation for admission. Members are added to or excused from this committee by the Chairman



of the Council as the educational needs of the student may indicate.

#### STUDY FOR THE COUNCIL FELLOWSHIP EXAMINATION

THE DISCIPLINE for the degree is divided into two stages. The first is made up of study in related fields of learning which support the general area of research concentration, culminating in the Council Fellowship Examination. The second stage is composed of research and investigation of a particular project in a special field and the presentation of such research in a written dissertation, culminating in the Final Examination.

At the beginning of the student's program of study leading to the Council Fellowship Examination, his Consultative Committee assigns to him a group of fields of learning deemed necessary to insure his breadth of knowledge and general competence for continuing independent research, as well as to support the dissertation project in his central field. These supporting fields of study, usually five or six in number, are more inclusive in scope and detail than courses of instruction announced in the University catalogue even though they may be titled alike. Members of the Consultative Committee will

advise the student concerning their scope and content.

The function of the Council Fellowship Examination is to obtain objective evidence of the student's breadth of background and intellectual equipment necessary to support doctoral research and investigation in his central field. The student may prepare for this examination in various ways. He may have acquired, through independent study and previous experience, sufficient knowledge in the required fields to be urged by his committee to take the examination shortly after his admission to work under the Council. He may prepare himself by study in the library or laboratory, by conference with the members of his committee, by visiting or being assigned to courses of instruction in this or other institutions of learning. The examination, however, not credits or grades for work done in courses, is the sole test of the student's ability to qualify for admission to the rank of Fellow of the Graduate Council, and to enter the second phase of his doctoral discipline.

The registration of the student who is preparing to take the Council Fellowship Examination is for *resident graduate study* and not for particular courses carrying credits. Under this registration he is free to visit classes which serve to complete

his preparation, to take courses, and to use any of the educational facilities of the University recommended by his committee. In case a student desires, for personal or professional reasons, to have certification for work done in some course of instruction, he may apply to the Chairman of the Council who arranges for this record with the professor in charge of the course and the Registrar of the University. This certification bears no relation to his status under the Council.

The Council Fellowship Examination is a series of written tests usually extending over a period of one week, set at a time mutually agreed upon by the Consultative Committee and the student. The major portion of a day is given to each part of the examination covering one of the required fields previously specified by the committee. This examination is regarded as one unit subdivided only for convenience in administration into the topics of separate fields of learning. It is prepared and read by a special committee usually consisting of the student's Consultative Committee and other members of the University faculty. Each member of the examining committee is responsible for the examination as a whole. The committee reports to the Council concerning the student's fitness to specialize in the study and investigation of his chosen field of scholarship, and does not designate whether certain sup-



porting fields or subdivisions of the examination are satisfactory or deficient. If the committee reports that the results of the examination are unsatisfactory, the student is generally urged to discontinue his doctoral study under the Council; only by special recommendation of the committee is the student eligible to take another examination. If the committee reports that the results of the examination are satisfactory, the student is admitted as a Fellow of the Graduate Council to pursue his specialized study and research under the supervision and guidance of a member of the Council who is in charge of the particular field.

#### RESEARCH, THE DISSERTATION, AND THE FINAL EXAMINATION

THE STUDENT has the privilege of applying for research training and specialized study under the direction of any member of the Council, who may accept or reject such application. After this research supervision has been arranged by the Chairman and approved by the Council the student is formally inducted as a Fellow, and is registered for *resident graduate research*. From that time throughout the remainder of his doctoral program the Fellow is responsible only to the member of the Council directing his research. This relationship is comparable to that of the

historic guild system, in which an apprentice received his training under the personal supervision of a master. Such a Master in Research undertakes to direct the Fellow in the investigation of a problem in his chosen field and in the presentation of the results in a written dissertation. Upon the approval of the dissertation by this member of the Council, the Fellow is presented for his final examination.

The fields of research in which doctoral projects may be undertaken are limited to those in which the University has adequate resources, and a list of such authorized fields is published annually. **The Council offers a program of research** only in those fields in which its members have competence and interests as specialists. When necessary, the University makes provision for sending the Fellow to some other institution, library, or laboratory for special study in connection with his doctoral investigation.

The dissertation is required of all candidates for the doctoral degree as evidence of ability to perform scholarly research and to interpret its results. Three typewritten copies are submitted to the Chairman of the Council, with the written approval of the member who has supervised the project, before the Fellow is eligible for his final examination. An abstract (about 300 words)

and a summary (about 3000 words) are also submitted. The abstract appears in the printed announcement of the final examination. If the Fellow passes, the summary is published in a periodical volume by the University for distribution to other institutions and libraries. The three copies of the dissertation are bound and placed in the University library for reference and circulation.

The final examination is oral. The Fellow must demonstrate a mastery of his special field of interest and of the materials and techniques used in the research project. The committee of examiners, appointed by the Chairman of the Council, includes not only members of the Council competent in the research field or in closely related subjects, but also at least two qualified experts from other research institutions brought to the University especially to participate in the examinations. The Master in charge of the Fellow's study and investigation may not vote on the candidate's examination, but serves as an advocate in the discussion of his scholarship and research ability. The examination is announced in advance and is public.

If the Fellow satisfies the examining committee concerning the high quality and originality of his contribution to knowledge as well as his mastery



of the scholarship and the research techniques of his field, he is favorably reported to the Graduate Council. If approved, he is nominated by the Council to the Board of Trustees of the University for the degree of Doctor of Philosophy.

#### RESIDENCE AND PART-TIME STUDY

THE COUNCIL has no formal requirement of minimum time to be spent in residence. After admission the student may apply for his Council Fellowship Examination whenever his Consultative Committee believes that he is prepared to take it, and his research project and specialized study may be undertaken with whatever concentration of time meets the approval of his Master in Research. Normally a minimum of two years of study and research are spent in meeting the doctoral disciplines. The Council requires, however, that the program set for each student be completed by the end of five years, regardless of full-time or part-time work.

An employed student may be admitted to part-time study, particularly when his type of occupation is related to his field of scholarly interest. To insure the completion of an effective program within the five-year period a committee may, before recommending his admission, require

that the applicant agree to perform part of his work in full-time residence.

#### POST-DOCTORAL STUDY

THE COUNCIL expects its graduates to continue their interest in advanced study and research, and to contribute to its program. All graduates are listed as Associate Fellows and, upon request, will receive notices of all general meetings. They may continue any studies in the University without payment of tuition, and enjoy all University library privileges. Such graduates are required to pay only the usual University fee in order to establish their active membership in the University. The use of laboratory space and equipment is contingent upon availability, and the cost of all laboratory or special library materials is paid by the graduate. Special arrangements for such privileges must be made with the Chairman of the Council. Post-doctoral work may not be applied toward any degree offered by the University.

## DETAILED INFORMATION CONCERN- ING PROCEDURES AND REGULATIONS FOR STUDENTS

### FELLOWSHIPS AND FINANCIAL AID

THE UNIVERSITY provides Teaching Fellowships in certain departments of instruction, available only to students who qualify for admission to study under the Graduate Council. The stipend and tuition granted are for service rendered to the department, usually in classroom or laboratory. Graduate assistantships are also assigned to some departments for similar service.

Other special fellowships, supported by endowment, and for which no service is required, may be awarded to doctoral students of unusual promise and ability.

A few scholarships, supported by endowment, are open to application from graduate students, and certain loan funds are also available.

An announcement is issued annually by the Chairman of the Council relating to fellowships and graduate assistantships. For information concerning scholarships and loan funds, the student should refer to the University catalogue.



## TUITION AND FEES

THE TUITION CHARGE for work leading to and including the Council Fellowship Examination is \$300. This charge is for guidance, instruction and general supervision, and entitles the student to all of the educational facilities of the University, including attendance in classes, seminars, and special work in the laboratories and libraries as recommended by his Consultative Committee. This charge, divided into term units, may be prorated in the case of a student carrying a part-time schedule. When the student has paid this amount in full, he is subject to no further tuition charges until he begins his research work as a Fellow of the Council.

The tuition charge for research work leading to and including the final examination is \$300. This also may be prorated when the Fellow is on a part-time schedule.

A Fellow of the Graduate Council who successfully passes his final examination is required to pay a fee of \$50 for the printing of the summary and the binding of the three copies of the dissertation.

The graduation fee of the candidate for the degree of Doctor of Philosophy is \$20. The graduate receives as his personal property the

University doctoral hood which is conferred at Commencement.

All students and Fellows of the Graduate Council are required to pay the University fee of \$8 for each term or for any part thereof, even when they have been granted leave of absence. If this fee is not paid, the student's status in the Council is disrupted and he must apply for re-admission in order to continue for the degree.

#### ADMISSION

1. There is no fixed date on the University calendar for the admission and initial registration of doctoral students under the Council. It is desirable, but not required, that students begin graduate study early in the term. Preliminary interviews with the Chairman of the Council and with the professor of the major field may be arranged at any time. Committees, however, can not meet to consider applications during the regular registration periods when members of the faculty have other academic duties. Students interested in graduate study are advised to apply well in advance of the term in which they wish to begin their studies, because the necessary interviews and committee consultations require more time than registration for courses in other divisions of the University.

2. Before making formal application for admission to doctoral study, the applicant meets in personal interview with the Chairman of the Council, and also with the professor in charge of the major field of interest.

3. If the Council has the facilities necessary for the applicant's desired program and the Chairman and professor approve, the application form is completed and filed with the Chairman of the Council.

4. The applicant must request that transcripts of previous academic records be sent direct to the Chairman of the Council from all institutions of higher learning at which he has studied, together with the report of the Graduate Record Examination if available. Publications or papers relating to his scholarly interests should also be submitted.

5. After receipt of transcripts and other data necessary for admission, the Chairman of the Council appoints an admission committee of personnel and consultative members who meet with the applicant and consider his qualifications for doctoral study.

6. The committee may require qualifying tests or further study in courses of instruction before making recommendation for admission.



7. If the applicant is recommended for admission, he registers (paying only the University fee) and takes examination in one of the two required foreign languages. Previous tests taken at this or other institutions may not be applied to meet the language requirements.

8. After the first foreign language examination is passed, the Council considers the report of the applicant's committee, with the research field and the program of supporting fields of study clearly specified. When admission is approved by the Council, the student pays his first unit of tuition and begins his resident study for the Council Fellowship Examination under the guidance of his Consultative Committee.

#### STUDY FOR THE COUNCIL FELLOWSHIP EXAMINATION

1. The student may undertake his study on full or part-time schedule, in accordance with the specified program set up by his Consultative Committee. The Council Fellowship Examination must be taken within a maximum of three years after the student is admitted.

2. The services of individual members of the student's Consultative Committee are continuously available for academic guidance and conference during the period of preparation. Detailed information about the content and scope

of the fields of study is given to the student in these conferences. He is expected to make frequent reports to the members of his committee concerning his progress.

3. Within one year after admission (eighteen months for part-time students) the student must take examination in the second required foreign language. He can not take his Council Fellowship Examination before this and other special requirements are passed. He is urged to complete such assignments as promptly as possible in order that these skills may be used in his study for the Council Fellowship Examination as well as in the scholarship of his research field.

4. Any change of program or fields of study assigned for the Council Fellowship Examination must be recommended by the student's committee as a whole and submitted to the Council for approval.

5. The student is required to register promptly at the beginning of each regular term; even when granted leave of absence he must register and pay the University fee. Failure to maintain continuous registration discontinues his program under the Council, and to resume his work he must apply for readmission under whatever new conditions may be set by his committee.



6. Although the Summer Sessions are an integral part of the University's educational program, doctoral study during the summer is restricted to those fields which the student's committee approves as adequate in staff and educational resources.

7. The student should apply for his Council Fellowship Examination with the approval of his committee. It is assumed that the committee has information as to his general preparation, and recommends only in his interest. The student, however, has the right to apply for examination even though the committee may urge postponement.

8. A file of questions from previous Council Fellowship Examinations is available for inspection in the office of the Chairman of the Council.

9. The student who fails to pass the Council Fellowship Examination is usually advised to discontinue his work under the Council. In some cases a special reexamination may be ordered by the Chairman of the Council upon the recommendation of the examination committee.

10. Each year the Chairman of the Council meets with all students working towards the Council Fellowship Examination to discuss with them common problems and objectives, and to explain details of procedure.



## RESEARCH, DISSERTATION, AND FINAL EXAMINATION

1. After the student is informed that he has passed the Council Fellowship Examination, he applies to a member of the Council for the direction of his research project.
2. The report of the Council Fellowship Examination committee and the application for research direction, approved by a member of the Council, are presented to the Council, and the student is admitted as a Fellow.
3. The Fellow then registers for his resident research work, pays the second unit of tuition, and is formally inducted into membership at the next general meeting of the Council.
4. The Fellow is required to submit to the Chairman of the Council the title of his dissertation, approved by the Master in Research, at least one full term before his graduation.
5. The Fellow is expected to arrange with his Master in Research for the presentation of his project at a general open meeting of the Council before the final writing of the dissertation.
6. The Fellows' Reading Room, located in the University Library, provides special facilities for doctoral students. All Fellows of the Council may use this service, and a limited number of



students preparing for their Council Fellowship Examinations may be accommodated. Assignments to this room are made by the Chairman of the Council.

7. Detailed information concerning the required style and form of the dissertation, the summary, and the abstract is obtained from the Chairman of the Council.

8. When the dissertation is completed, three copies with the written approval of the Master in Research are delivered to the Chairman of the Council, and the date of the final examination is arranged. At least one month is required after the dissertation is received for the appointment of the examiners, reading of the dissertation, and printing and distribution of the announcement of the final examination.